

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



AHD 1751  
A45 c3

# REPORTS

AGRICULTURE • ECONOMICS

from USDA's Economics Agencies

Winter 1991/92

USDA LIBRARY  
NAT'L AGREE. LIBRARY  
RECEIVED



# The Situation and Outlook Program

The *Situation and Outlook* program has been a mainstay of American agriculture's information network since the first national Outlook Conference in 1923. Commodity and topic specialists develop supply, demand, and price data and forecasts of all major commodities, and offer insight into factors affecting land values, production costs, farm finances, world trade, and energy. To subscribe to the following reports, call our order desk toll free at 1-800-999-6779.

**Situation and Outlook Reports.** These reports provide both current intelligence and historical data on national food and agricultural developments, and forecast the effects of changing conditions and policies on domestic and international agriculture. Economic editors following each title may be reached by dialing area code 202. Titles include:

Title & issues per year	Order #	1 yr	2 yrs	3 yrs
Agricultural Income and Finance (4)	AIS	\$12	\$23	\$33
Editor: Bob Dubman, 219-0807				
Agricultural Resources (5)	ARS	\$12	\$23	\$33
Editor: Harold Taylor, 219-0464				
Agriculture and Trade (5)	WRS	\$12	\$23	\$33
Western Europe, Pacific Rim: Editor: William Kost, 219-0610				
China: Editor: Frederick Crook, 219-0626				
Developing Economies: Editor: Mike Kurtzig, 219-0680				
USSR: Editor: Kathryn Zeimetz, 219-0621				
Aquaculture (2)	AQS	\$12	\$23	\$33
Editor: Dave Harvey, 219-0890				
Cotton and Wool (4)	CWS	\$12	\$23	\$33
Editor: Bob Skinner, 219-0840				
Dairy (5)	DRS	\$12	\$23	\$33
Editor: Jim Miller, 219-0770				
Feed (4)	FDS	\$12	\$23	\$33
Editor: Thomas Tice, 219-0840				
Fruit and Tree Nuts (4)	FTS	\$12	\$23	\$33
Editor: Boyd Buxton, 219-0884				
Livestock and Poultry (6)	LPS	\$17	\$33	\$48
Editor: Leland Southard, 219-0767				
Livestock and Poultry Update (12)	LPU	\$15	\$29	\$42
Editor: Ron Gustafson, 219-0767				
Oil Crops (4)	OCS	\$12	\$23	\$33
Editor: Roger Hoskin, 219-0840				
Outlook for U.S. Ag Exports (4)	AES	\$12	\$23	\$33
Editor: Steve MacDonald, 219-0822				
Rice (3)	RCS	\$12	\$23	\$33
Editor: Janet Livezey, 219-0840				
Sugar and Sweetener (4)	SSS	\$12	\$23	\$33
Editor: Peter Buzzanell, 219-0888				

Tobacco (4)	TBS	\$12	\$23	\$33
Editor: Verner Grise, 219-0890				
U.S. Agricultural Trade Update (12)	FAU	\$15	\$29	\$42
Editor: Tom Warden, 219-0822				
Vegetables and Specialties (3)	VGS	\$12	\$23	\$33
Editor: Gary Lucier, 219-0884				
Wheat (4)	WHS	\$12	\$23	\$33
Editor: Ed Allen, 219-0840				

**Agricultural Outlook.** America's premier outlook vehicle and main source for USDA's farm income and food price forecasts. Emphasizes the short-term outlook for all major areas of the agricultural economy. Also presents long-term analyses of such issues as U.S. agricultural policy, trade forecasts and export-market development, food safety, and the environment. 11 issues. **Order # AGO.** 1 yr, \$26; 2 yrs, \$51; 3 yrs, \$75. Editor: Barbara Claffey, 219-0313

**World Agriculture.** Recently revised and expanded, *World Agriculture* contains articles dealing with worldwide developments in agricultural markets and trade, based on research underway in ERS or other institutions. Updates current conditions and recent economic changes, highlights significant trends, and discusses market fundamentals in major markets, all emphasizing implications for global and U.S. agricultural trade. 4 issues. **Order # WAS.** 1 yr, \$21; 2 yrs, \$41; 3 yrs, \$60. Editor: William Kost, 219-0070

**World Agricultural Supply and Demand Estimates.** Issued monthly by USDA's World Agricultural Outlook Board, *World Agricultural Supply and Demand Estimates* provides the most current USDA information on global supply-use balances of the major grains, soybeans and products, and cotton, and U.S. supply and use of livestock products. 32 pp. **Order # WASDE.** 1 yr, \$20; 2 yrs, \$40; 3 yrs, \$60. Editor: Ray Bridge, 720-5447

## Who we are

This catalog lists the monographs, periodicals, data products, and video tapes available from USDA's economics agencies since 1989. **Economic Research Service (ERS)** situation and outlook reports and periodicals analyze the current situation and forecast market conditions. ERS monographs offer economic analysis in the areas of trade, production, rural development, farm inputs, and other topics. **National Agricultural Statistics Service (NASS)** publications estimate production, stocks, inventories, disposition, utilization, and prices of agricultural commodities, and such other items as labor and farm numbers. The **World Agricultural Outlook Board (WAOB)** issues regular forecasts of U.S. and world supply and demand prospects for major agricultural commodities. To order items in this catalog, call our toll free order desk, 1-800-999-6779. To subscribe to this free quarterly catalog, please check the order form on page 37.

# ERS-NASS Periodicals and Specialists

No matter what topic or commodity you're interested in, ERS-NASS is sure to have a publication or specialist that can guide you to the information you need; specialists may be reached using area code 202. Check out these periodical titles for the latest in economic analysis or data on your particular topic. To start your subscription, call 1-800-999-6779.

## Economic Analysis and General Interest

**Farmland.** Practical, easy-to-understand economic information about U.S. and world agriculture. A popular—not technical—publication, it features many charts, graphs, photos, and data tables to supplement the articles. 11 issues. **Order # FAR.** 1 yr, \$12; 2 yrs, \$23; 3 yrs, \$33.

Editor: Priscilla Glynn, 219-0494

**Economic Indicators of the Farm Sector.** Updates economic trends in U.S. agriculture. Each issue explores a different aspect of the U.S. farm sector: income and expenses, national and State financial summaries, production and efficiency statistics, and costs of production for livestock and dairy and for major field crops. 5 issues. **Order # ECI.** 1 yr, \$14; 2 yrs, \$27; 3 yrs, \$39.

Editors: *Financial Summaries*, Linda Farmer, 219-0804

*Cost of Production, Livestock & Dairy*, Hosein Shapouri, 219-0248

*Cost of Production, Field Crops*, Robert Dismukes, 219-0801

*Production & Efficiency Statistics*, George Douvelis, 219-0432

**Foreign Agricultural Trade of the United States.** Updates the quantity and value of U.S. farm exports and imports, plus price trends. Keeps readers abreast of how U.S. trade stacks up in a global market. 6 issues, plus 2 supplements. **Order # FAT.** 1 yr, \$25; 2 yrs, \$49; 3 yrs, \$72.

Editor: Thomas Warden, 219-0822

**The Journal of Agricultural Economics Research.** Reports technical research in agricultural economics, including econometric models and statistics focusing on methods employed and results of USDA economic research. 4 issues. **Order # JAE.** 1 yr, \$8; 2 yrs, \$15; 3 yrs, \$21.

Editor: David Smallwood, 219-0864

**Rural Development Perspectives.** Crisp, nontechnical articles on the results of new rural research and what those results mean. Shows the practical application of research in rural banking, aging, housing, the nonmetro labor force, poverty, and the effect of farm policies on rural areas. 3 issues. **Order # RDP.** 1 yr, \$9; 2 yrs, \$17; 3 yrs, \$24.

Editor: Molly Killian, 219-0520

**Rural Conditions and Trends.** Tracks rural events on a variety of subjects: macroeconomic conditions, employment and underemployment, industrial structure, earnings and income, poverty, and population. 4 issues. **Order # RCA.** 1 yr, \$14; 2 yrs, \$27; 3 yrs, \$39.

Editor: Linda Ghelfi, 219-0520

**Food Review.** Formerly *National Food Review*. Analyses and data on food consumption, food prices, export opportunities,

product safety, nutrition, marketing, and processing technology. 4 issues. **Order # NFR.** 1 yr, \$11; 2 yrs, \$21; 3 yrs, \$30. Editor: Steven Ott, 219-0313

## Field Crop Reports

**Crop Production.** Reports monthly indicated production by crop, plus three supplements on acreage planted and harvested (June), an annual summary showing acreage, yield, and production data for the previous year and revised for the year before that (January), and prospective plantings as of March 1 (March). 12 issues plus 4 supplements. **Order # PCP.** 1 yr, \$36; 2 yrs, \$71; 3 yrs, \$106.

Editor: John Witzig, 720-2127

**Crop Progress.** Lists planting, fruiting, and harvesting progress and overall condition of selected crops in major producing States. Weekly during the growing season, April through November. **Order # PCR.** 1 yr, \$30; 2 yrs, \$59; 3 yrs, \$88. Editor: Martin Owens, 720-2157

**Grain Stocks.** Stocks of major grains, January, March, June, and September. 4 issues. **Order # PGS.** 1 yr, \$11; 2 yrs, \$21; 3 yrs, \$31. Editor: Bill Dowdy, 720-3843

**Hop Stocks.** Grower, dealer, and brewer stocks March 1 and September 1 for the United States. **Order # PHS.** 1 yr, \$8; 2 yrs, \$15; 3 yrs, \$22.

Editor: Jim Brewster, 720-7688

**Peanut Stocks and Processing.** Stocks end of previous month, plus millings, production, and disappearance of milled products. 12 issues. **Order # PPS.** 1 yr, \$14; 2 yrs, \$27; 3 yrs, \$40. Editor: Kirby Cavett, 720-8843

**Potato Stocks.** Grower, processor, and local dealer storage stocks in fall producing areas, first of the month, by State. 6 issues plus supplement. **Order # PPO.** 1 yr, \$14; 2 yrs, \$27; 3 yrs, \$40. Editor: Arvin Budge, 720-4285

**Cotton Ginnings.** Reports cotton ginned to date during August through March at the national, State, and county levels. 16 issues mailed approximately twice per month during the August-March ginning season, plus an annual summary. **Order # PCG.** 1 yr, \$20; 2 yrs, \$39; 3 yrs, \$58.

Editor: Roger Latham, 720-5944

**Rice Stocks.** Rough and milled rice stocks on and off farms, first of December, March, August, and October, by State. 4 issues. **Order # PRS.** 1 yr, \$11; 2 yrs, \$21; 3 yrs, \$31.

Editor: Martin Owens, 720-2157

# ERS-NASS Periodicals and Specialists

## Fruit, Nut, and Vegetable Reports

**Almond Production.** Late June production forecast. Annual. Order # ZAL. 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Kevin Hintzman, 720-5412

**Celery.** Monthly plantings and area growing in Florida, California, New York, and Michigan. 12 issues. Order # PCE. 1 yr, \$12; 2 yrs, \$23; 3 yrs, \$34. Editor: Arvin Budge, 720-4285

**Cherry Production.** Mid-June production forecast for 1991 crop, Great Lakes States. Annual, June. Order # ZCP. 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Jim Brewster, 720-7688

**Citrus Fruits.** Summary of acreage, yield, production, use, price, and value 1990-91 crop and revised 1989-90 crop. Annual, September. Order # ZCF. 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Kevin Hintzman, 720-5412

**Cranberries.** Indicated 1991 production by State; utilization, price, and value for 1989 and 1990 crops, by State. Annual, August. Order # ZCR. 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Jim Brewster, 720-7688

**Hazelnut Production.** Late August production forecast for 1991 crop. Annual, August. Order # ZFP. 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Kevin Hintzman, 720-5412

**Noncitrus Fruits and Nuts.** Mid-year and annual summary of acreage, yield, production, use, price, and value of crop, by State. 2 issues. Order # PNF. 1 yr, \$12; 2 yrs, \$23; 3 yrs, \$34. Editor: Steve Ropel, 720-3843

**Pistachio Production.** Late August production forecast. Annual. Order # ZPP. 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Kevin Hintzman, 720-5412

**Walnut Production.** Production forecast for California walnuts. Annual, September. Order # ZWP. 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Kevin Hintzman, 720-5412

**Vegetables.** Monthly production forecasts, preliminary planted area, yield, production, and prices. 12 issues plus preliminary and annual summaries. Order # PVG. 1 yr, \$18; 2 yrs, \$35; 3 yrs, \$52. Editor: Steve Ropel, 720-3843

## Livestock Reports

**Sheep and Goats.** Inventory, value, and number, by State. January 1 angora goat inventory and value for Arizona, Michigan, New Mexico, Oklahoma, and Texas only; all goat inventory and value for Texas only. Lamb crop by State and number of operations keeping sheep. Annual, February. Order # ZSG. 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Linda Simpson, 720-3578

**Cattle.** Inventory number and value of all cattle and calves, number by classes, expected calf crop, distribution by size groups and State. 2 issues, plus 12 monthly issues of *Cattle on Feed*.

Order # PCT. 1 yr, \$20; 2 yrs, \$39; 3 yrs, \$58. Editor: Glenda Shepler, 720-3040

**Hogs and Pigs.** Inventory and value and number by classes, farrowings and pig crop, breeding intentions, number of operations keeping hogs, and percentage of hog operations by size groups. 4 issues. Order # PHP. 1 yr, \$11; 2 yrs, \$21; 3 yrs, \$31. Editor: Doyle Fuchs, 720-3106

**Livestock Slaughter.** Number of head live weight and dressed weight of cattle, calves, sheep and lambs, and hogs slaughtered in commercial plants, by State. Red meat production by species. 12 issues plus summary. Order # PLS. 1 yr, \$24; 2 yrs, \$47; 3 yrs, \$70. Editor: Linda Simpson, 720-3578

**Meat Animals: Production, Disposition, and Income.** Annual balance sheet and income estimates for cattle, calves, hogs, and sheep and lambs, by State. Annual, April. Order # ZMA. 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Bob Cole, 720-6880

**Wool and Mohair.** Number of sheep shorn, wool production, price, and value, by State. Number of goats clipped, mohair production, and value for AZ, MI, NM, OK, and TX. Annual, March. Order # ZWM. 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Linda Simpson, 720-3578

## Poultry Reports

**Broiler Hatchery.** NEW. Number of broiler chicks placed and broiler-type eggs set in incubators during the previous week in the 15 major broiler-producing States. Weekly. Order # PBH. 1 yr, \$35; 2 yrs, \$69; 3 yrs, \$103. Editor: Thomas Kruchten, 690-4870

**Egg Products.** Production of liquid, frozen, and dried egg products, under Federal inspection, by class and utilization. 12 issues. Order # PEP. 1 yr, \$15; 2 yrs, \$29; 3 yrs, \$43. Editor: Thomas Kruchten, 690-4870

**Eggs, Chickens, and Turkeys.** Number of layers, eggs per 100 layers, total eggs produced, broiler and egg-type chicks hatched, and number of eggs in incubators; number of turkey poult placed; number of broiler-type pullet chicks. 12 issues, plus copies of *Hatchery Production* annual, *Layers and Egg Production* annual, *Poultry Production and Value*, and *Turkeys*. Order # PEC. 1 yr, \$24; 2 yrs, \$47; 3 yrs, \$70. Editor: Robert Little, 720-6147

**Poultry Slaughter.** Number of head and pounds slaughtered under Federal inspection by class, and estimated total poultry slaughtered. 12 issues. Order # PPY. 1 yr, \$14; 2 yrs, \$27; 3 yrs, \$40. Editor: Ron Sitzman, 720-3244

**Turkey Hatchery.** Number of pouls, number of eggs in incubators. 12 issues. **Order # PTH.** 1 yr, \$14; 2 yrs, \$27; 3 yrs, \$40. Editor: Ron Sitzman, 720-3244

## Dairy Reports

**Dairy Products.** Production of butter, cheese, frozen products, evaporated, condensed, and dry milk and whey products. Shipments, stocks, and prices of dry milk and whey products. 12 issues plus summary. **Order # PDP.** 1 yr, \$20; 2 yrs, \$39; 3 yrs, \$58. Editor: Dan Buckner, 720-4448

**Milk Production.** Number of milk cows, production per cow, and total milk production for major States. 12 issues plus copy of *Milk Production, Disposition, and Income*. **Order # PMP.** 1 yr, \$16; 2 yrs, \$31; 3 yrs, \$46. Editor: Dan Buckner, 720-4448

## Price and Expenditure Reports

**Agricultural Prices Monthly.** Prices received by farmers for principal crops; livestock and livestock products; index numbers of prices received by farmers; feed price ratios; index of prices paid by farmers and parity prices. 12 issues. **Order # PAP.** 1 yr, \$24; 2 yrs, \$47; 3 yrs, \$70. Editor: Rick Schuchardt, 690-3236

**Agricultural Prices Annual.** Summary of indexes of prices received and paid by farmers; prices for farm commodities and prices paid for production items, by State. Annual, June. **Order # ZAP.** 1 yr, \$8; 2 yrs, \$15; 3 yrs, \$22. Editor: Rick Schuchardt, 690-3236

**Crop Values.** Season average prices and value of production of principal crops, including revised data for previous year. *NOTE:* State estimates for fruits and nuts included in *Noncitrus Fruits and Nuts Annual*. Annual, January. **Order # ZCV.** 1 yr, \$6; 2 yrs, \$11; 3 yrs, \$16. Editor: Rick Schuchardt, 690-3236

**Farm Production Expenditures.** Results of the farm production expenditure survey, by production region and economic class. 2 issues. **Order # PFP.** 1 yr, \$12; 2 yrs, \$23; 3 yrs, \$34. Editor: Dick Clark, 690-3229

**Prices Received, Minnesota-Wisconsin Manufacturing Grade Milk.** Minnesota-Wisconsin grade milk price series and final two-State estimates. Annual, June. **Order # ZPR.** 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Mary Keough, 690-3237

## Other Reports

**Agricultural Chemical Usage.** 2 issues annually. *Field Crops*, March, shows chemical application rates and acres treated, by State and the United States, for corn, cotton, potatoes, rice, soybeans, sorghum, and wheat. *Fruits and Nuts*, June, shows chemical application rates and acres treated for selected fruits and nuts in major

producing States. **Order # PCU.** 1 yr, \$9; 2 yrs, \$17; 3 yrs, \$25. Editor: Sam Rives, 720-2324

**Catfish.** Processors' monthly reports on farm-raised catfish. Roundweight purchased, prices paid, inventory, quantity sold, and price. 12 issues plus 4 issues of *Catfish Production* (includes grower inventory numbers by size groups, and some sales and cost of production data). **Order # PCF.** 1 yr, \$15; 2 yrs, \$29; 3 yrs, \$43. Editor: Ron Sitzman, 720-3244

**Trout Production.** Grower sales and cost of production, selected States. Annual, October. **Order # ZTP.** 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Robert Little, 720-6147

**Cold Storage.** End-of-month stocks of meat, dairy and poultry products, fruits, nuts, and vegetables. 12 issues plus summary. Includes copy of *Capacity of Refrigerated Warehouses*, issued in February in even years only. **Order # PCS.** 1 yr, \$20; 2 yrs, \$39; 3 yrs, \$58. Editor: John Lange, 720-9185

**Farm Labor.** Regional and national data for unpaid, hired, and self-employed workers and wage rates. Also includes number of all workers and their wage rates for selected States. 12 issues. **Order # PFL.** 1 yr, \$11; 2 yrs, \$21; 3 yrs, \$31. Editor: Tom Kurtz, 720-3228

**Farm Numbers and Land in Farms.** Number of farms in operation, and average size (acreage) of farms, individual States, and U.S. totals. Sales class estimates for number of farms, land in farms, and average size of farms for U.S. and selected States. Annual, July. **Order # ZFL.** 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Dan Ledbury, 720-1790

**Floriculture Crops.** Area of production and sales of cut flowers, flowering potted plants, foliage, bedding/garden plants, cut cultivated greens, and special Hawaiian crops. Annual, April. **Order # ZFC.** 1 yr, \$8; 2 yrs, \$15; 3 yrs, \$22. Editor: Jim Brewster, 720-7688

**Honey.** Annual report of number of colonies of bees, honey, production, price, and value, and honey stocks as of December 15, by States. Annual, February. **Order # ZHO.** 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Thomas Krutchten, 690-4870

**Mink.** Number of pelts produced during the marketing year, number of females bred to produce kits, number of mink farms, average marketing price per pelt, and value of pelts produced. Annual, July. **Order # ZMI.** 1 yr, \$5; 2 yrs, \$9; 3 yrs, \$13. Editor: Thomas Krutchten, 690-4870

**Mushrooms.** Area, production, price, and value, by variety, selected producing States, utilization, and intentions for coming year. Annual, August. **Order # ZMU.** 1 yr, \$6; 2 yrs, \$11; 3 yrs, \$16. Editor: Kevin Hintzman, 720-5412

# Specialists on Other Topics

Questions about supplies, prices, or other data on the following topics can be addressed to their subject matter specialists.

## Crops, Dairy, Livestock, Poultry

Coffee and Tea	Fred Gray	219-0888
Cold Storage	John Lange	720-9185
Dry Edible Beans	Gary Lucier	219-0884
Floriculture	Doyle Johnson	219-0884
	Jim Brewster	720-7688
Hay	Thomas Tice	219-0840
Honey	Fred Hoff	219-0883
	Thomas Kruchten	690-4870
Mink	Thomas Kruchten	690-4870
Potatoes	Gary Lucier	219-0884

## U.S. Trade and Foreign Agriculture

Africa, Middle East	Michael Kurtzig	219-0680
Asia, East	William Coyle	219-0610
Asia, South	Rip Landes	219-0664
Canada	Mark Simone	219-0610
China	Francis Tuan	219-0626
Developing Economies	Gene Mathia	219-0680
Eastern Europe	Kenneth Gray	219-0621
Exports and Imports	Thomas Warden	219-0822
Food Aid	Michael Kurtzig	219-0680
Latin America	John Link	219-0680
Pacific Rim	William Coyle	219-0610
Trade and Finance Policy	Steve Magiera	219-0633
USSR	Kathryn Zeimetz	219-0624
Western Europe	William Coyle	219-0610

## Agricultural Finances

Agricultural Finances	Mitch Morehart	219-0801
Cash Receipts	Robert Williams	219-0804
Costs and Returns	Mitch Morehart	219-0801
Credit and Financial Markets	Jerry Stam	219-0892
Farm Real Estate	Roger Hexem	219-0419
Farm Real Estate Taxes	Peter DeBraal	219-0425
Futures Markets	Richard Heifner	219-0868
Farm Income (forecast)	Bob McElroy	219-0800
Farm Income, Annual	Roger Strickland	219-0804
Farm Income, Household	Mary Ahearn	219-0807
Prices, Parity, Indexes	John Buche	720-5446
Production Costs	Doug Kleweno	720-4214
Crops	Robert Dismukes	219-0801
Dairy	Ken Mathews	219-0770
Livestock	H. Shapouri	219-0770
Farm Subsidies	Carl Mabbs-Zeno	219-0631
Farm Wages and Labor	Jim Duffield	219-0033
Taxes	Ron Durst	219-0896

## Farms and Land

Corporate and Family Farms	Donn Reimund	219-0522
Farm Numbers	Dan Ledbury	720-1790
Farm Real Estate	Roger Hexem	219-0419
Foreign Land Ownership	Peter DeBraal	219-0425
Land Ownership and Tenure	Gene Wunderlich	219-0425
Land Use	Ralph Heimlich	219-0420

## Land Use Statistics Output and Productivity

Arthur Daugherty	219-0424
George Douvelis	219-0432

## Food

Assistance, Nutrition	Dave Smallwood	219-0864
Away From Home	Charlene Price	219-0866
Consumption	Judy Putnam	219-0870
Demand, Expenditures	James Blaylock	219-0862
Manufacturing, Retailing	Charles Handy	219-0866
Marketing Margins	Denis Dunham	219-0870
Policy	Paul Wescott	219-0840
Prices, CPI	Denis Dunham	219-0870
Price Spreads, Meat	Larry Duewer	219-0712
Fruit and Vegetables	Joan Pearrow	219-0883
Safety and Quality	Tanya Roberts	219-0864
Wholesaling	Walter Epps	219-0866

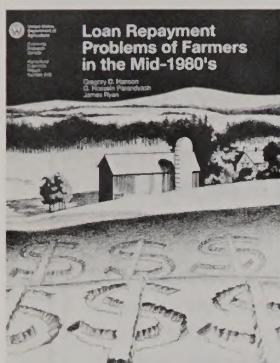
## Rural Development

Agriculture and Community Linkages	Fred Hines	219-0525
Business and Industry	Andrew Bernat	219-0540
Community Development	David Sears	219-0544
Credit and Financial Markets	Pat Sullivan	219-0719
Employment	Paul Swaim	219-0552
Income and Poverty	Peggy Ross	219-0547
Local Government Finance	Richard Reeder	219-0542
Local Government	Sara Mazie	219-0530

## Special Topics

Agricultural History	Douglas Bowers	219-0787
Alternative Crops	Lewrene Glaser	219-0888
Biotechnology	John Reilly	219-0450
Commodity Programs		
Crops	Paul Wescott	219-0840
Dairy	Dick Fallert	219-0710
Exports	Mark Smith	219-0820
Tobacco	Verner Grise	219-0890
World	Praveen Dixit	219-0632
Economic Links to Agriculture	William Edmondson	219-0785
Energy	Mohinder Gill	219-0464
Farm Labor Laws	Jack Runyan	219-0932
Farm Labor Market	Leslie Whitener	219-0932
Farm Machinery	Marlow Vesterby	219-0422
Farm Structure	Donn Reimund	219-0522
Fertilizer	Harold Taylor	219-0464
Seeds	Mohinder Gill	219-0464
Macroeconomic Conditions	Ralph Monaco	219-0782
Natural Resource Policy	Tim Osborn	219-0401
Pesticides	Merritt Padgett	219-0433
Population	Calvin Beale	219-0535
Soil Conservation	Tim Osborn	219-0405
Sustainable Agriculture	Greg Gajewski	219-0883
Transportation	T.Q. Hutchinson	219-0840
Water and Irrigation	Noel Gollehon	219-0410
Water Quality	Marc Ribaudo	219-0444
Weather	Martin Owens	720-2157

# New Monographs from ERS



**Loan Repayment Problems of Farmers in the Mid-1980's**, by Gregory D. Hanson, G. Hossein Parandvash, and James Ryan. 29 pp. September 1991.

Reviews the bottom line of the 1980's farm financial crisis: farmers' loan defaults and subsequent loan losses. The financial squeeze subsided during the late 1980's, mainly through a combination of debt repayment and loan writeoffs. This report views the fiscal problems according to location, farm size and type, and socio-economic characteristics.

Order # AER-649. \$8.00

**Characteristics of Burley Tobacco Farms**, by Tom Capehart. 11 pp. September 1991.

Burley tobacco is the second most important kind of tobacco grown in the United States. This report examines the structure and characteristics of burley tobacco farming in Kentucky and Tennessee using data from the 1989 Farm Costs and Returns Survey. Includes discussions of burley acreage and quota, land and quota tenure, farm size and other crop and livestock enterprises, and operator characteristics.

Order # AIB-633. \$4.00

**Implications of New Technology for the Livestock Sector: Animal Growth Hormones**, by John McClelland, Fred Kuchler, and John Reilly. 18 pp. September 1991.

Looks at issues surrounding use of growth hormones, including their effects on structure of U.S. agriculture, consumer benefits, and food safety and quality. Includes a short synopsis of FDA findings on human health effects of bGH. While hormones clearly raise productivity, there is no clear evidence that their use benefits large farms over small ones.

Order # AIB-626. \$4.00

**Effects of Advertising on the Demand for Cheese and Fluid Milk**, by William N. Blisard, Theresa Sun, and James R. Blaylock. 30 pp. October 1991.

A generic advertising campaign during 1984-90, paid for by assessments mandated by the Dairy and Tobacco Adjustment Act of 1983, raised sales of fluid milk, natural cheese, and processed cheese. This report uses econometric demand models to quantify the effects of advertising and other factors (price, income, substitute goods) on milk and cheese sales.

Order # AGES 9154. \$8.00

**The Mexican Economy in the 1990's: Markets Are In; State Control Is Out**, by Mathew Shane and David Stallings. 12 pp. October 1991.

The first in a series of reports on trade issues in North America, this report

summarizes the dramatic changes in Mexico's economic policies since 1987. The policies, emphasizing free trade and competitive enterprise, are already yielding tangible results. Economic growth has accelerated and is expected to continue at least through the early 1990's. The United States should gain, too: a more secure and stable southern border and a boost in trade.

Order # AIB-635. \$4.00

**EC 1992: Implications for World Food and Agricultural Trade: Proceedings**, ed. by David R. Kelch. 300 pp. October 1991.

The European Community is preparing to launch its collective trade agreement on January 1, 1993, eliminating all trade barriers and fostering free movement of goods, services, capital, and people inside the EC. This report examines the effects of this agreement on internal and world food and agricultural trade. Features chapters on German reunification and the future of the Common Agricultural Policy.

Order # AGES 9133. \$14.00

**Direct Comparison of General Equilibrium and Partial Equilibrium Models in Agriculture**, by James V. Stout III. 30 pp. September 1991.

This report describes a model which produces agricultural sector supply and demand response consistent with partial equilibrium elasticity estimates. The model shows how changes in nonagricultural supply and demand occur after

agricultural policy liberalization, and allows welfare changes to be easily and unambiguously calculated in terms of either equivalent or compensating variation.

Order # TB-1799. \$8.00

**Sheep Production in 11 Western States**, by Hosein Shapouri. 37 pp. September 1991.

Net cash returns for U.S. sheep producers remained positive for the 18th consecutive year starting in 1972. The industry in 1986, however, experienced its sharpest decline in sheep numbers and sheep farms since 1942. This report summarizes the results of the 1986 Farm Costs and Returns Survey of sheep producers.

Order # AGES 9150. \$8.00

**Government Intervention in Latin American Agriculture, 1982-87**, by Donna Roberts and Paul Trapido. 160 pp. September 1991.

This report examines how government intervention, especially import-substitution strategies, affected agricultural markets during 1982-87 in the six largest Latin American economies: Argentina, Brazil, Chile, Colombia, Mexico, and Venezuela. Provides background material on the economy and policies of each country along with documented subsidy equivalent estimates.

Order # AGES 9152. \$14.00

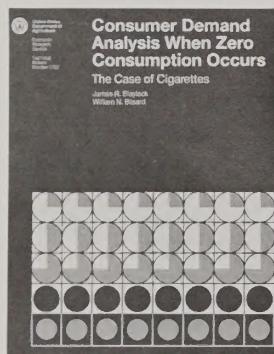
# More New Monographs from ERS

**Bibliography of Research on Agricultural Trade Policy Reform**, by Carl Mabbs-Zeno and Nina M. Swann. 33 pp. September 1991.

This report lists ERS research products related to GATT negotiations and other questions regarding agricultural trade reform outside the United States. Order # AGES 9147. \$8.00

**A Global Analysis of Energy Prices and Agriculture**, by Bradley J. McDonald and others. 18 pp. September 1991.

Uses a multiregional computable general equilibrium model to assess the longrun effects of higher energy prices on agricultural production, prices, and trade. Order # AGES 9148. \$8.00



**Consumer Demand Analysis When Zero Consumption Occurs: The Case of Cigarettes**, by James R. Blaylock and William N. Blisard. 21 pp. September 1991.

This report uses cigarettes as an example of a commodity whose characteristics must be well understood by analysts conducting surveys of household purchases. Shows that zero use of a

product could mean an individual never uses a product, the survey period was too short, or the individual would use the product if prices were lower. Order # TB-1792. \$8.00

**Sectoral Effects of a World Oil Price Shock: Economy-wide Linkages to the Agricultural Sector**, by Kenneth Hanson, Sherman Robinson, and Gerald Schluter. 25 pp. October 1991.

Analyzes how a world oil price shock may affect U.S. agriculture and the rest of the economy under different macro-adjustment scenarios. Examines direct and indirect energy costs, exchange rates, and government support programs. Order # AGES 9156. \$8.00

**Climate Change: Economic Implications for World Agriculture**, by Sally Kane, John Reilly, and James Tobey. 32 pp. October 1991.

This report attempts to increase understanding of how climate change may affect U.S. and world agriculture. It explores how agriculture contributes to greenhouse gas emissions, discusses consequences of climate change for economic activities, and examines effects on regional crop yields expected to result from broad changes in climate. The report concludes that global warming and a doubling of carbon dioxide would not, on balance, alter world crop yields. Order # AER-647. \$8.00

## Strategies for Rural Development

*The following reports assess the effectiveness of selected strategies for State and local governments to stimulate rural economic development in the 1990's.*

**Education and Rural Economic Development: Strategies for the 1990's**. 162 pp. September 1991. NEW.

An examination of education and training as a strategy to promote rural economic development. U.S. economic vulnerability in the global marketplace of the 1980's persuaded many observers that U.S. education and work skills were too low, especially among rural workers. The report concludes that enhanced education and training for rural growth is critical, but that alone may not directly benefit the economies of rural areas in the United States. Order # AGES 9153. \$14.00

**Infrastructure Investment and Economic Development: Rural Strategies for the 1990's**. 81 pp. December 1990.

Explores the effects of investing in transportation, telecommunications, and water and wastewater infrastructure to improve rural economies. Although skeptical about whether such investments directly stimulate rural economic development, the authors suggest that certain carefully selected infrastructure investments may pay off when those investments are made in places with other prerequisites for development. Order # AGES 9069. \$11.00

**Financial Market Intervention as a Rural Development Strategy**. 93 pp. December 1990.

Describes and assesses the effectiveness of the financial system currently serving rural America. It also looks closely at the reasons Federal and State Governments are heavily involved in the operations of financial institutions and markets. Order # AGES 9070. \$11.00

**Call toll free 1-800-999-6779**

# A Complete Listing

Here and on the pages that follow is a listing of all other monographs, data products, and videotapes currently available from the ERS-NASS order desk. Please order by number using the order form on pages 37-38. Or call our order desk toll free at 1-800-999-6779 (8:30-5:00 Eastern Time, in the United States and Canada) and charge your purchase to your VISA or MasterCard. Other areas, please call 301-725-7937.

Monographs	Page
Banking and Farm Credit	9
Commodities	9
Costs of Production	11
Commodity Background Papers	12
Farm Programs	12
Farmworkers and Farm Employment	13
Farm Operations and Finance	13
Farmland	15
Conservation and the Conservation Reserve	15
Farm Policy	16
Food	17
Futures and Options	18
Inputs	18
Irrigation and Water Use	19
New Technology	20
Rural Issues	20
U.S. Trade	22
Trade and Related Issues	23
Foreign Production and Trade	24
GATT Reports	26
Global Commodity Reports	26
Other	27
Major Statistical Series	28
Special Packages	28

## Banking and Farm Credit

**Recent Developments at the Farm Credit System**, by Merritt Hughes. 16 pp. September 1989. Order # AIB-572. \$3.00. Outlines the recent financial position of the FCS and a number of factors likely to contribute to, or impede, its recuperation.

**Nonmetro, Metro, and U.S. Bank-Operating Statistics, 1987-89**, by James J. Mikesell and Felice S. Marlor. 145 pp. March 1991. Order # SB-823. \$14.00. Presents and analyzes weighted and unweighted mean-operating statistics for nonmetro, metro, and all U.S. banks for 1987-89.

**Deregulation and Structure of Rural Financial Markets**, by Daniel L. Milkove and Patrick J. Sullivan. 50 pp. February 1990. Order # RDRR-75. \$11.00. Examines the structure of rural bank markets, determines how this structure changed during the 1980's, and discusses probable scenarios for the future of the rural banking system.

**Prospective Rural Effects of Bank Deregulation**, by Stephen W. Hiemstra. 56 pp. March 1990. Order # RDRR-76. \$11.00. Focuses on rural implications of the expansion of commercial banks into investment banking and addresses provisions in the legislation.

**An Analysis of the Recent Surge In Consumer Debt in Rural Areas**, by Donald L. Lerman. 40 pp. April 1990. Order # AGES 9030. \$8.00. Examines several elements of the recent surge in consumer debt of rural households using household-level survey data.

**An Analysis of Financial Performance of Federal Land Banks, Federal Intermediate Credit Banks, Farm Credit Banks, and Related Associations, 1986-89**, by Robert N. Collender. 24 pp. April 1991. Order # AGES 9117. \$8.00. Finds the Farm Credit System experienced unprecedented distress and change during the 1980's, but saw substantial though unevenly distributed improvements in most areas by 1986-89.

**An Examination of Federal Reserve Behavior: An Applied Reaction Function Approach**, by Paul A. Sundell. 36 pp. April 1990. Order # AGES 9029. \$8.00. Investigates the factors that have influenced Federal Reserve policy and, ultimately, bank interest rates.

**Rural Conditions and Trends special report: Financial Institutions and Markets**. 29 pp. Spring 1991. Order # RCAT, Supplement-1, \$8.00. A look at the health of the financial institutions serving rural America.

## Commodities

**Bibliography of Economic Reports on the Production and Marketing of Fruits and Vegetables, 1981-89**, by Joan Pearrow and Nadine Lofton. 71 pp. September 1990. Order # BLA-102. \$11.00. Lists research publications that deal with the economics of fruits and vegetables published from January 1981 to June 1989.

**The U.S. Watermelon Industry**, by Amy J. Allred and Gary Lucier. 73 pp. March 1990. Order # AGES 9015. \$11.00. Reviews supply and utilization trends, prices, transportation, packaging, marketing, cash receipts, and costs of producing watermelons.

**U.S. Sugar Statistical Compendium**, by Luigi Angelo and others. 136 pp. August 1991. Order # SB-830. \$11.00. Contains time-series data designed for use in monitoring and analyzing current developments and trends in the U.S. sugar industry, 1970-90.

**Leading Commodity Cash Receipts, 1960-87**, by Robert P. Williams and others. 132 pp. March 1989. Order # SB-777. \$8.00. Presents data on cash receipts for 25 leading commodities by State to reflect production and sales of each commodity in each State.

**U.S. Potato Statistics, 1949-89**, by Gary Lucier. 140 pp. August 1991. Order # SB-829. \$11.00. Presents detailed statistics on potatoes for 49 States and the Nation since 1949. Also includes world acreage and production since 1961.

## Monographs

**U.S. Rice Distribution Patterns, 1986/87**, by Nathan W. Childs. 29 pp. March 1989. **Order # SB-776. \$5.50.** Detailed data on domestic rice shipments and distribution from 31 rice milling and 7 repackaging firms.

**Integrated Pest Management (IPM) In the Vegetable Industry During the 1980's**, by Catherine R. Greene and Gerrit W. Cuperus. 19 pp. February 1991. **Order # AGES 9107. \$8.00.** Examines the funding and adoption of IPM programs for vegetable crops, using statistics based on annual State-level Extension Service reports.

**Choice Beef Prices and Price Spreads Series: Methodology and Revisions**, by T. Fred White and others. 52 pp. February 1991. **Order # AGES 9106. \$8.00.** Presents a revised ERS methodology for calculating Choice retail, wholesale, and live beef values and the resulting series of price spreads.

**Cattle Feeding, 1962-89: Location and Feedlot Size**, by Kenneth R. Krause. 60 pp. April 1991. **Order # AER-642. \$11.00.** Finds that four Plains States marketed over 70 percent of the 22,955,000 head of cattle fed in 13 cattle-feeding States in 1989.

**Reevaluation of the Beef Carcass-to-Retail Weight Conversion Factor**, by Kenneth E. Nelson and others. 44 pp. October 1989. **Order # AER-623. \$5.50.** Develops a new method for evaluating the conversion factor used for changing beef carcass weight data to retail weight.

**Data, Linkages, and Models: U.S. National Income and Product Accounts in the Framework of a Social Accounting Matrix**, by Kenneth A. Hanson and Sherman Robinson. 38 pp. January 1989. **Order # AGES 89-5. \$5.50.** Discusses use of a social accounting matrix which reflects an action/transaction view of the economy and supports disaggregated modeling.

**U.S. Egg and Poultry Statistical Series, 1960-89**, by Mark R. Weimar and Shauna Cromer. 234 pp. September 1990. **Order # SB-816. \$14.00.** Reports monthly, quarterly, and annual 1960-89 data for eggs, turkeys, and broilers. Data cover production, stocks, trade, per capita consumption, costs of production, farm prices, wholesale prices, and retail prices.

**Sheep Production in 11 Western States**. NEW. See page 7.

**Sheep and Goat Predator Loss**. 16 pp. April 1991. **Order # ZSGS-01. \$5.00.** The first nationwide survey of predator losses in over a decade finds that a total of 490,000 sheep and lambs were lost to animal predators during 1990.

**Quarterly Forecasting of Meat Retail Prices: A Vector Autoregression Approach**, by Howard Elitzak and W. Noel Blisard. 20 pp. June 1989. **Order # AGES 89-27. \$5.50.** Uses vector autoregression models to forecast five meat and fish Consumer Price Indexes.

**Floriculture and Environmental Horticulture Products: A Production and Marketing Statistical Review, 1960-88**, by Doyle C. Johnson. 245 pp. September 1990. **Order # SB-817. \$14.00.** Provides statistical information on the production, marketing, and trade of floral, nursery, and related products of the greenhouse and nursery industry in the United States and the world.

**Characteristics of Burley Tobacco Farms**. NEW. See page 7.

**Representative U.S. Wheat Farms**, by Michael E. Salassi. 71 pp. January 1990. **Order # SB-786. \$11.00.** Gives average organizational and financial characteristics of representative farms, by size, in 12 States.

**The Wheat Program in the 1990's: Issues for Decision-makers**, by Edwin Young and others. 16 pp. June 1990. **Order # AIB-606. \$4.00.** Describes the evolution of U.S. wheat policy and major wheat program issues of the 1990's.

**State-Level Wheat Statistics, 1949-88**, by Jim Langley and Suchada Langley. 96 pp. March 1989. **Order # SB-779. \$8.00.** Provides State-level data on production levels and trends for all wheat, winter wheat, durum wheat, and other spring wheat for 1949-88.

**Optimal Futures Positions for Corn and Soybean Growers Facing Price and Yield Risk**, by Dwight Grant. 48 pp. March 1989. **Order # TB-1751. \$5.50.** Presents a model of futures trading for crop producers with random yields.

**Effects of Railroad Deregulation on Grain Transportation**, by James M. MacDonald. 52 pp. June 1989. **Order # TB-1759. \$5.50.** Looks at how shippers now benefit from increased competition among railroads and from reductions in rail costs.

**The U.S. Sheep Industry**, by Richard Stillman and others. 52 pp. July 1990. **Order # AGES 9048. \$8.00.** Focuses on production of lamb and lamb products, returns in the sheep industry, demand, and marketing trends.

**Financial Performance of Specialized Hog Farms**, by Robert Dubman and Gregory Hanson. 12 pp. December 1989. **Order # AIB-578. \$3.00.** Finds that specialized hog farms had more favorable financial conditions in 1987 than most other commodity specialty farms.

**Representative U.S. Corn Farms, 1987**, by Michael E. Salassi, and others. 60 pp. April 1991. **Order # SB-820. \$11.00.** Discusses differences in the organization and financial structure of U.S. corn farms in major producing States and in small, midsized, and large corn farms in three regions in 1987.

**Financial Performance of Specialized Corn-Soybean Farms, 1987**, by Robert Dubman and Gregory Hanson. 12 pp. January 1990. **Order # AIB-583. \$4.00.** Finds that specialized corn-soybean farms fared better financially in 1987 than most other specialized commodity farms.

**Characteristics and Production Costs of U.S. Soybean Farms, 1986**, by William D. McBride. 21 pp. April 1991. **Order # AIB-623. \$8.00.** Compares selected characteristics and costs of production among soybean producers.

**The U.S. Milling and Baking Industries**, by Joy L. Harwood and others. 74 pp. December 1989. **Order # AER-611. \$8.00.** Describes the milling and baking industries' structure, conduct, and performance, and examines current trends.

**Cotton Production and Water Quality: An Initial Assessment**, by Stephen R. Crutchfield and others. 28 pp. February 1991. **Order # AGES 9105. \$8.00.** Shows that current cotton practices potentially allow nitrates to leach into ground water and pesticides to drain into surface water.

# Monographs

**Cotton Ginning Charges, Harvesting Practices, and Selected Marketing Costs, 1989/90 Season**, by Edward H. Glade and Mae Dean Johnson. 4 pp. October 1989. **Order # AGES 9065. \$4.00.** Finds that the average charge for saw-ginning and wrapping a 480-pound net-weight bale of U.S. upland cotton was \$44.26 during 1989/90, compared with \$45.14 per bale the previous season.

**Cotton Production Costs Vary Widely by Region, Yield, and Operation Size**, by Kenneth H. Mathews, Jr., and others. 11 pp. January 1991. **Order # AIB-617. \$4.00.** Describes the cost of producing cotton in 1987 to see how yield, size, irrigation and other inputs, land tenure, and producer age and education affected cotton production costs among and within regions.

**Cotton Agricultural Chemical Use and Farming Practices in 1989: An Overview of Survey Results**, by Stephen R. Crutchfield. 17 pp. December 1990. **Order # AGES 9076. \$4.00.** Summarizes current cotton production practices regarding pesticide and fertilizer use, pest management practices, soil conservation and tillage practices, water use, and characteristics of cotton producers.

**Approaches to Modeling Retail-Farm Price Spreads and Derived Demand Relationships for Food Commodities: A Selected, Annotated Bibliography**, by Michael K. Wohlgemant and Richard C. Haidacher. 35 pp. July 1991. **Order # AGES 9136. \$8.00.** Reviews 88 theoretical and empirical studies that focus on various aspects related to modeling the economic linkage between retail demand and farm-level demand for food commodities and related inputs.

**Beefpacking and Processing Plants: Computer-Assisted Cost Analysis**, by Lawrence A. Duewer and Kenneth E. Nelson. 71 pp. April 1991. **Order # AGES 9115. \$11.00.** Presents a computer program that simulates, in considerable detail, beefpacking plant costs.

*The following NASS monographs give final estimates for a number of crops and commodities.*

**Field Crops: Final Estimates, 1982-87.** 84 pp. February 1990. **Order # SB-793. \$11.00.**

**Stocks of Grains, Oilseeds and Hay: Final Estimates, 1983-88.** 72 pp. February 1990. **Order # SB-794. \$11.00.**

**Rice Stocks: Final Estimates, 1978-88.** 32 pp. February 1990. **Order # SB-795. \$8.00.**

**Citrus Fruits: Final Estimates, 1981-82 Crop Through 1986-87 Crop.** 24 pp. February 1990. **Order # SB-796. \$8.00.**

**Hogs and Pigs: Final Estimates, 1983-87.** 32 pp. February 1990. **Order # SB-797. \$8.00.**

**Cattle: Final Estimates, 1984-88.** 68 pp. February 1990. **Order # SB-798. \$11.00.**

**Potatoes and Sweetpotatoes: Final Estimates, 1982-87.** 42 pp. February 1990. **Order # SB-799. \$8.00.**

**Sheep and Goats: Final Estimates, 1984-88.** 25 pp. January 1990. **Order # SB-800. \$8.00.**

**Chickens and Eggs: Final Estimates, 1984-87.** 73 pp. December 1989. **Order # SB-801. \$11.00.**

**Milk: Final Estimates, 1983-87.** 64 pp. February 1990. **Order # SB-802. \$11.00.**

**Meat Animals, Production, Disposition, and Income: Final Estimates, 1983-87.** 37 pp. April 1990. **Order # SB-805. \$8.00.**

**Poultry Production and Value: Final Estimates, 1984-87.** 25 pp. April 1990. **Order # SB-806. \$8.00.**

## Costs of Production

**Estimates of the Costs of Producing Milk in Seven Major Milk-Producing Countries, 1986**, by Derek Baker and others. 16 pp. August 1990. **Order # AGES 9056. \$4.00.** Looks at costs of producing milk in Canada, West Germany, France, Ireland, the Netherlands, New Zealand, and the United States.

**Costs of Producing U.S. Livestock, 1972-87: Estimating and Methodology Update**, by Hosein Shapouri and others. 98 pp. April 1990. **Order # AER-632. \$11.00.** Presents a way to make a consistent set of cost and returns estimates for U.S. livestock production in 1972-87, a period in which there were data gaps and in which many estimating methods and formats were used.

**How Costs of Production Vary**, by Mary Ahearn and others. 20 pp. May 1990. **Order # AIB-599. \$4.00.** Analyzes groups of producers at various cost levels and shows that costs of producing crops per unit of output vary considerably by farm.

**State-Level Costs of Production, 1987**, by Robert McElroy and others. 88 pp. March 1989. **Order # AGES 89-13. \$8.00.** The State estimates in the 158 tables in this report cover data on major field crops (except sugar crops).

**Costs of Producing Grapefruit in California and Florida, 1988/89**, by Boyd M. Buxton. 7 pp. July 1991. **Order # AER-652. \$4.00.** Based on a March 1990 survey, total costs were \$6.82 for producing a 64-pound box of grapefruit in California and \$5.00 for an 85-pound box in Florida.

**Costs of Producing Oranges in California and Florida, 1988/89**, by Boyd M. Buxton. 8 pp. June 1991. **Order # AER-650. \$4.00.** Based on a March 1990 survey, total costs were \$7.29 for producing a 75-pound box of oranges in California and \$7.48 for a 90-pound box of oranges in Florida.

*The following reports present State-level commodity production costs and returns estimates for 1986-88:*

**Peanuts: State-Level Costs of Production, 1986-88**, by Robert Dismukes and others. 24 pp. September 1990. **Order # AGES-9063. \$8.00.**

**Cotton: State-Level Costs of Production, 1986-88**, by Kenneth H. Mathews, Jr., and others. 27 pp. September 1990. **Order # AGES 9061. \$8.00.**

**Corn: State-Level Costs of Production, 1986-88**, by Robert A. Pelly and Mir B. Ali. 35 pp. June 1990. **Order # AGES 9045. \$8.00.**

**Barley: State-Level Costs of Production, 1986-88**, by William D. McBride and others. 26 pp. June 1990. **Order # AGES 9046. \$8.00.**

## Commodity Background Papers

Congress recently enacted new farm legislation to replace the Food Security Act of 1985. The following series of background papers summarize in a nontechnical form the experience with various farm programs and the key characteristics of the commodities and the farm industries that produce them.

**Dalry: Background for 1990 Farm Legislation**, by Richard F. Fallert and others. 74 pp. March 1990. **Order # AGES 9020. \$11.00.**

**Soybeans and Peanuts: Background for 1990 Farm Legislation**, by Brad Crowder and others. 66 pp. March 1990. **Order # AIB-592. \$11.00.**

**Fibers: Background for 1990 Farm Legislation**, by Harold Stults and others. 89 pp. March 1990. **Order # AIB-591. \$11.00.**

**U.S. Feed Grains: Background for 1990 Farm Legislation**, by Linwood Hoffman and others. 230 pp. May 1990. **Order # AIB-604. \$14.00.**

**Sugar: Background for 1990 Farm Legislation**, by Robert Barry. 96 pp. February 1990. **Order # AGES 9006. \$11.00.**

**Honey: Background for 1990 Farm Legislation**, by Frederic L. Hoff and Jane K. Phillips. 42 pp. September 1989. **Order # AGES 89-43. \$5.50.**

**Food Grains: Background for 1990 Farm Legislation**, by C. Edwin Young and others. 144 pp. August 1990. **Order # AIB-602. \$11.00.**

**Tobacco: Background for 1990 Farm Legislation**, by Verner N. Grise. 68 pp. October 1989. **Order # AGES 89-48. \$8.00.**

**Background Papers PKG-6.** Includes all recent ERS commodity background papers. Each report summarizes in nontechnical form the experience with various farm programs and the key characteristics of the commodities and the farm industries which produce them. Titles you will receive: *U.S. Feed Grains, Food Grains, Soybeans and Peanuts, Cotton, Wool and Mohair, Honey, Tobacco, Dairy, Sugar, and Agricultural Export Programs*. A \$96 value for just \$45.00. **Order # PKG-6. \$45.00.**

## Farm Programs

**Toward an Analysis of the Farmers Home Administration's Direct and Guaranteed Farm Loan Programs**, by William Herr. 33 pp. April 1991. **Order # AGES 9116. \$8.00.** Examines whether the credit delivery mode affects the number and kinds of borrowers receiving FMHA assistance and thus rural credit markets.

**Program Provisions for Rye, Dry Edible Beans, Oil Crops, Tobacco, Sugar, Honey, Wool, Mohair, Gum Naval Stores, and Dairy Products: A Database for 1961-90**, by Robert C. Green. 55 pp. June 1991. **Order # AGES 9128. \$11.00.** Summarizes the legislative authority for commodity support programs and gives program-provision data in tables for listed commodities.

**Crops, Livestock, and Farm Programs: Overlooked Interactions**, by Clark Edwards. 64 pp. September 1990. **Order # AER-638. \$11.00.** Examines how shifts in consumer and importer demand, resource supply, technology, capital accumulation, or farm programs affect different enterprises in ways often not anticipated by policy advisors.

**An Economic Assessment of the Freeze on Program Yields**, by Thomas W. Hertel, Marinos E. Tsigas, and Paul V. Preckel. 26 pp. December 1990. **Order # AGES 9066. \$8.00.** Finds that the freeze on program payment yields under the Food Security Act of 1985 apparently reduced use of variable inputs in wheat production while raising market prices and net returns.

**Effects of Government Programs on Rice Production Costs and Returns**, by Michael Salassi and others. 12 pp. March 1990. **Order # AIB-597. \$4.00.** This analysis, the first of its kind to show direct effects of Government programs, finds gross returns, production costs, and net returns to be higher when Government payments are included in the costs/returns calculations.

**Profile of Farms Benefiting from the 1982 Farm Commodity Programs**, by Frederick J. Nelson. 72 pp. September 1989. **Order # AGES 89-32. \$8.00.** Looks at the 1982 and 1986 commodity support programs and program beneficiaries' characteristics.

**Program Provisions for Program Crops: A Database for 1961-90**, by Robert C. Green. 113 pp. March 1990. **Order # AGES 9010. \$11.00.** Looks at legislation that provided the foundation for commodity support programs and highlights legislation that revised and supplemented the basic structure of these programs.

**U.S. Farm Programs and Agricultural Resources**, by Robbin Shoemaker and others. 12 pp. September 1990. **Order # AIB-614. \$4.00.** Finds that U.S. agricultural programs have a greater effect on land and other farm inputs than on commodity production.

**Federal Crop Insurance and the 1990 Farm Bill: An Assessment of Program Options**, by Joseph W. Glauber and others. 38 pp. September 1989. **Order # AGES 89-45. \$5.50.** Examines how the program and alternatives affect market prices, commodity market participation, producer revenues, and the Federal budget.

**The Disaster Assistance Act of 1989: A Description of the Provisions**, by Susan L. Pollack. 19 pp. November 1989. **Order # AGES 89-59. \$5.50.** Summarizes provisions of the Disaster Assistance Act of 1989 (P.L. 101-82) which provided assistance to crop and livestock producers who suffered harvest losses from natural disasters in 1988 and 1989.

**U.S. Milk Markets Under Alternative Federal Order Pricing Policies**, by Howard McDowell, Ann Fleming, and Felix Spinelli. 31 pp. November 1990. **Order # AGES 9068. \$8.00.** Compares U.S. milk markets under 1988 provisions against three alternative policies using an interregional trade model comprising 15 regions.

**Federal Marketing Orders for Fruits, Vegetables, Nuts, and Specialty Crops**, by Nicholas J. Powers. 34 pp. March 1990. **Order # AER-629. \$8.00.** Explains why there is a Federal marketing order for horticultural crops, its development and operation, and its effect on market participants.

# Monographs

**Economic Effects of Mandatory Production Controls**, by C. Edwin Young and others. 36 pp. March 1989. **Order # AER-595. \$5.50.** A mandatory production control program using acreage allotments to increase commodity prices to 80 percent of parity will increase aggregate net farm income by slightly less than \$80 billion over 5 years and can raise consumer costs by about the same amount (over current trends).

**Federal Marketing Orders for Horticultural Crops**, by Nicholas J. Powers. 16 pp. March 1990. **Order # AIB-590. \$4.00.** Describes the purpose of horticultural marketing orders and their effects on growers, marketers, input suppliers, food processors, and consumers.

## Farmworkers and Farm Employment

**Employment Trends In Farm and Farm-Related Industries, 1975-87**, by T. Alexander Majchrowicz. 39 pp. April 1991. **Order # AGES 9121. \$8.00.** Shows that agricultural production jobs have declined, some farm-related industries have declined or remained stable, and other industries that process, market, and sell agricultural products have seen employment growth.

**Farm Employment and Wage Rates, 1910-1990**. 217 pp. March 1991. **Order # SB-822. \$14.00.** Combines selected farm labor estimates from 1910-90 into a single reference. Includes a history of the farm labor data series.

**Hired and Contract Labor in U.S. Agriculture, 1987: A Regional Assessment of Structure**, by Victor J. Oliveira. 20 pp. May 1991. **Order # AER-648. \$8.00.** Finds that U.S. farmers spent almost \$13 billion on hired and contract labor in 1987, about 12 percent of total farm production expenses.

**The Agricultural Work Force of 1987: A Statistical Profile**, by Victor J. Oliveira and E. Jane Cox. 40 pp. May 1989. **Order # AER-609. \$5.50.** Discusses the demographic, employment, and regional characteristics of the agricultural work force, including hired farmworkers, farm operators, and unpaid farmworkers.

**A Summary of Federal Laws and Regulations Affecting Agricultural Employers**, by Jack L. Runyan. 18 pp. January 1989. **Order # AIB-550. \$5.50.** A single source of information describing Federal laws and regulations that pertain to agricultural employer-employee relations and agricultural employment taxes.

**Will Immigration Reform Affect The Economic Competitive-ness of Labor-Intensive Crops?** by James A. Duffield and Lewell Gunter. 28 pp. May 1991. **Order # AGES 9126. \$8.00.** Identifies U.S. producers of labor-intensive crops most likely to be exposed to more competition if immigration reform increases their labor costs.

**Labor Expenditures Help Determine Farms Affected by Immigration Reform**, by James A. Duffield and others. 16 pp. April 1989. **Order # AIB-557. \$3.00.** Focuses on farms that reported labor expenditures in 1986 in terms of commodities produced, sales class, and location to identify farms most vulnerable to a reduced supply of farmworkers.

**Where Do Farm Households Earn Their Income?** by Nora Brooks and Donn A. Reimund. 8 pp. February 1989. **Order # AIB-560. \$3.00.** Examines the relative importance of farm

and off-farm sources of income by type of farm, farm size, region, and proximity to metro employment centers.

**Trends In the Hired Farm Working Force, 1945-87**, by Victor J. Oliveira. 16 pp. April 1989. **Order # AIB-561. \$3.00.** Examines factors behind the historical trends in the size and composition of the hired farm workforce.

**Alternative Definitions of Farm People**, by Vera Banks and others. 36 pp. March 1989. **Order # AGES 89-9. \$5.50.** Notes differences among farm population definitions by residence, income, and farm occupation.

**The Farm Entrepreneurial Population, 1988**, by Margaret A. Butler. 28 pp. July 1990. **Order # RDRR-78. \$8.00.** Analyzes census data on income, education, and other characteristics of the group identified by farm occupation and farm self-employment criteria.

**Estimating Farm Labor Elasticities to Analyze the Effects of Immigration Reform**, by James A. Duffield. 20 pp. February 1990. **Order # AGES 9013. \$8.00.** Uses a simultaneous equation model to measure the effect of the Immigration Control Act of 1986 on the U.S. farm labor market.

**Nonfarm Employment of Farm Operators, Hired Farm-workers, and Unpaid Farmworkers**, by Victor J. Oliveira. 20 pp. January 1990. **Order # AER-624. \$4.00.** Looks at age of worker, education level, minority status, head of household status, days spent doing farmwork, and residence in metropolitan areas and how these factors affect hired farmwork.

**Agriculture-Related Employment: Farm Commodity Programs and Rural Economies**, by Mindy Petrusi and others. 16 pp. September 1990. **Order # AIB-613. \$4.00.** Describes the modern food and fiber complex and Government commodity programs and how they affect nonmetro economies and employment.

**Characteristics of Agricultural Work Force Households, 1987**, by Victor J. Oliveira and E. Jane Cox. 8 pp. August 1990. **Order # AIB-612. \$4.00.** Spotlights those households most affected by farm job loss.

## Farm Operations and Finance

**Farm Businesses End the Decade With Strong Financial Performance**, by Mitchell J. Morehart and others. 21 pp. October 1990. **Order # AIB-616. \$8.00.** Presents findings (as of January 1, 1990) on the financial performance of U.S. farms. Updates the next two listings.

**Financial Characteristics of U.S. Farms, January 1, 1989: A Summary**, by Mitchell J. Morehart and others. 16 pp. July 1989. **Order # AIB-569. \$3.00.** Summarizes information on the financial performance of farmers from the January 1, 1989, Farm Costs and Returns Survey.

**Loan Repayment Problems of Farmers in the Mid-1980's**. NEW. See page 7.

**Financial Characteristics of U.S. Farms, January 1, 1989**, by Mitchell J. Morehart and others. 171 pp. December 1989. **Order # AIB-579. \$8.00.** Provides a detailed analysis of farm financial performance based on the latest information from the January 1, 1989, Farm Costs and Returns Survey.

## Monographs

**Diversity In U.S. Agriculture: A New Delineation by Farming Characteristics**, by Judith E. Sommer and Fred K. Hines. 19 pp. July 1991. **Order # AER-646. \$8.00**. Provides a starting point for assessing regional differences in the effects of alternative public policies on the farm sector. Includes a multicolor map illustrating the diversity of crops grown in various U.S. counties.

**Farm Sector Balance Sheet, Including Operator Households, 1960-89: United States and by State**, by Kenneth Erickson and others. 211 pp. August 1991. **Order # SB-826. \$14.00**. Furnishes the latest farm sector balance sheet estimates developed by ERS, incorporating numerous revisions in estimating procedures and changes in data in national and State-level estimates of assets, debt, and equity.

**Farms Without Program Payments**, by Robert D. Reinsel. 12 pp. August 1991. **Order # AIB-630. \$4.00**. About 1.4 million farms, two-thirds of all farms, operated without direct Federal farm program support in 1987 or 1988. These farms either did not produce the program commodities or did not participate in farm programs, but could receive Government support through marketing orders, crop insurance subsidies, or other support mechanisms.

**Farm Financial Stress, Farm Exits, and Public Sector Assistance to the Farm Sector in the 1980's**, by Jerome M. Stam and others. 56 pp. April 1991. **Order # AER-645. \$8.00**. Examines the effects of short-term economic events on farm exits, net changes in farm numbers, longrun trends in farm numbers, and public sector support for the farm sector.

**Estimating Entry and Exit of U.S. Farms**, by Fred Gale and David Henderson. 16 pp. March 1991. **Order # AGES 9119. \$4.00**. Finds that the number of farms declined during the 1980's mostly because of fewer people starting farms rather than an increase in the rate of operators leaving farming.

**Involuntary Exits from Farming: Evidence from Four Studies**, by Susan E. Bentley and others. 16 pp. November 1989. **Order # AER-625. \$3.00**. Analyzes four cases of farm exit in southwestern Wisconsin, Texas, North Dakota, and Dodge County, Georgia, mainly during the early 1980's.

**Exits from Farming in Southwestern Wisconsin, 1982-86**, by Susan E. Bentley and William E. Saupe. 24 pp. February 1990. **Order # AER-631. \$8.00**. Finds that one in every five farm operators in southwestern Wisconsin left farming in the early 1980's.

**Farms and Land in Farms: Final Estimates, 1979-87**. 8 pp. February 1990. **Order # SB-792. \$4.00**. NASS' review of 1979-87 statistics on farms and land in farms.

**Farm Financial Conditions, by Region, January 1, 1989**, by Gregory Hanson and others. 12 pp. December 1989. **Order # AIB-577. \$3.00**. Presents farm financial findings from USDA's annual Farm Costs and Returns Survey.

**Farm Operating and Financial Characteristics, 1987**, by Mitchell Morehart. 168 pp. April 1990. **Order # AGES 9032. \$14.00**. Presents an assortment of farm economic data along with statistical measures of precision for 1987.

**Alternative Measures of Farm Output to Classify Farms by Size**, by Gregory D. Hanson and others. 32 pp. January 1989. **Order # TB-1749. \$5.50**. Looks at six different ways

of classifying farms to determine how they are faring: three measures based on value of sales and three measures based on value of production.

**Estimating Supply Response of Multiproduct Farms**, by V. Eldon Ball. 24 pp. January 1989. **Order # TB-1750. \$5.50**. Finds that operators of multiproduct farms make production decisions based on aggregate economic assessments, not just on isolated assessments for each crop.

**The U.S. Farming Sector Entering the 1990's: Twelfth Annual Report on the Status of Family Farms**, by Thomas Carlin and Sara Mazie. 72 pp. June 1990. **Order # AIB-587. \$11.00**. Finds that the U.S. farm sector entered the 1990's in a much-improved financial position after the financial difficulties of the early and mid-1980's.

**The Distribution of Farm Program Payments, 1987**, by Robert D. Reinsel. 11 pp. June 1990. **Order # AIB-607. \$4.00**. Shows which groups of farms received Government program payments in 1987, and in what amount and proportion.

**Cash Rents for Farms, Cropland, and Pasture, 1960-89**, by John Jones and Roger Hexem. 43 pp. October 1990. **Order # SB-813. \$8.00**. This bulletin reports State-average cash rents for whole farms, cropland, and pasture and cash rents as percentages of rented land values during 1960-89.

**Farm Structural Trends in the 1980's**, by Nora L. Brooks and others. 6 pp. June 1990. **Order # AIB-605. \$4.00**. A snapshot of the farm sector, covering trends in farm numbers, size, sales, asset values, operator characteristics, and farmland, based on 1987 Census of Agriculture data.

**Farmer Buying/Selling Strategies and Growth of Crop Farms**, by Kenneth R. Krause. 132 pp. April 1989. **Order # TB-1756. \$8.00**. Finds that large crop farms, with large input purchases and product sales, can often bargain for better terms than are available to smaller farms and can get better prices or access to services.

**Dynamic Asset Replacement Decisions To Enhance Farm Profits**, by John W. McClelland and others. 24 pp. June 1989. **Order # TB-1758. \$5.50**. Develops a model which can improve farm profitability by helping farmers determine when to rejuvenate assets instead of replacing them.

**A Historical Look at Farm Income**, by Cheryl D. Johnson. 27 pp. May 1990. **Order # SB-807. \$8.00**. Presents the national farm income statistics, dating back to 1910.

**Aspects of Farm Finances: Distribution of Income, Family Income, and Direct Payments, 1986**, by Robert D. Reinsel and David Bunker. 28 pp. April 1990. **Order # AER-630. \$8.00**. Cross-classifies 1986 Farm Costs and Returns Survey data to more clearly show the diverse nature of farms and their greatly varying financial conditions.

**1988 Farm Costs and Returns Survey Data: Selected State and Region Highlights**. 151 pp. February 1990. **Order # AGES 9012. \$11.00**. A collection of 34 reports highlighting 1988 data compiled from the annual Farm Costs and Returns Survey.

## Farmland

**Farmland Ownership and Renting in the United States, 1987**, by Olaf Kula and Denise Rogers. 12 pp. June 1991. **Order # AGES 9130. \$8.00.** Summarizes information from the 1987 Census of Agriculture on owning and renting farmland. Also furnishes information on farms operated by females and blacks, types of farm operators who work off the farm, and concentration of farm corporations.

**Urbanizing Farmland: Dynamics of Land Use Change in Fast-Growth Counties**, by Ralph E. Heimlich and others. 45 pp. August 1991. **Order # AIB-629. \$8.00.** Using the popular briefing book style, this report shows that urbanization is not paving over the Nation's rural areas any more than in the past. Despite claims to the contrary, the amount of U.S. rural land—and level of agricultural production—is not threatened by the present rate of urbanization.

**Trends in Ownership Transfers of Rural Land**, by Gene Wunderlich. 8 pp. May 1990. **Order # AIB-601. \$4.00.** Presents findings of 1988 survey of rural land transfers to determine rate of change of rural real estate ownership.

**Rural Land Transfers in the United States**, by Paul W. Barkley and Gene Wunderlich. 20 pp. October 1989. **Order # AIB-574. \$5.50.** Using a 1988 survey, report shows that 88.4 percent of all rural land transferred each year is agricultural land, but only 4.8 percent of land transferred each year goes to nonfarmers.

**Transfers of Rural Land**, by Gene Wunderlich. 4 pp. July 1989. **Order # AIB-568. \$3.00.** Summarizes a 1988 nationwide survey of rural land transfers which found 4.6 percent of parcels and 3.5 percent of rural acreage changed hands in 1987.

**State Laws Relating to the Ownership of U.S. Land by Aliens and Business Entities, December 31, 1989**, by J. David Aiken. 88 pp. March 1991. **Order # AGES-9111. \$11.00.** A guide for persons interested in determining the way that State laws may affect alien or business-entity ownership of U.S. land.

**Foreign Investment in U.S. Cropland: Some Evidence on the Role of Exchange Rates, Interest Rates, and Returns on Cropland**, by John Kitchen and J. Peter DeBraal. 13 pp. September 1989. **Order # AGES 89-44. \$3.00.** Examines the role of exchange rates, cropland returns, and the real interest rate as determinants of foreign investment in U.S. cropland.

**Foreign Ownership of U.S. Agricultural Land Through December 31, 1990**, by J. Peter DeBraal. 48 pp. April 1991. **Order # AGES 9120. \$8.00.** This annual report to the President and Congress finds that foreigners owned 14.4 million acres of U.S. agricultural land as of December 31, 1990.

**Foreign Ownership of U.S. Agricultural Land Through December 31, 1990: County-Level Data**, by Gertrude S. Butler and J. Peter DeBraal. 132 pp. May 1991. **Order # AGES 9124. \$11.00.** This report, disaggregated to the county level, supplements the national level report, which examines foreign investment in 14.4 million acres of U.S. agricultural land in 1,900 of the 3,041 counties.

**Major Uses of Land in the United States: 1987**, by Arthur B. Daugherty. 35 pp. January 1991. **Order # AER-643. \$8.00.**

Shows that 75 percent of U.S. land area in 1987 was in cropland, grassland pasture and range, and forest land. Land in nonagricultural and miscellaneous other uses, such as parks and wildlife refuges, increased by 3 percent since 1982.

**Agricultural Resources: Agricultural Land Values**, by Roger Hexem and Fred Kuchler. 8 pp. April 1991. **Order # ARS-491. \$4.00.** This annual report finds that U.S. farm real estate values rose 2 percent during 1990, marking the fourth straight increase since their slide in the mid-1980's.

**Returns, Interest Rates, and Cropland Prices in Selected Regions**, by Karl Gertel and Patrick Canning. 18 pp. April 1990. **Order # TB-1778. \$4.00.** Examines how returns to land and real interest rates on farm mortgages affect farmland prices in the Corn Belt, selected winter wheat-growing areas of Kansas, and soybean- and cotton-growing areas of the Mississippi Delta.

**U.S. Grazing Lands: 1950-82**, by Arthur B. Daugherty. 75 pp. January 1989. **Order # SB-771. \$8.00.** Examines grazing trends, demands, resources, and conditions of resources through 1982.

**Metropolitan Growth and Agriculture: Farming in the City's Shadow**, by Ralph E. Heimlich and Douglas H. Brooks. 20 pp. September 1989. **Order # AER-619. \$5.50.** Looks at farming in metro areas.

**Structural Changes in U.S. Farmland**, by Robert C. Reining. 17 pp. June 1990. **Order # AER-617. \$8.00.** Examines changes in the distribution of land, sales, and tenure among farms.

**The Contribution of Speculative Bubbles to Farmland Prices**, by Abebayehu Tegene and Fred Kuchler. 25 pp. July 1990. **Order # TB-1782. \$8.00.** Details tests for the presence of speculative bubbles in farmland prices.

## Conservation and the Conservation Reserve

**A National Policy of No Net Loss of Wetlands: What Do Agricultural Economists Have to Contribute?** ed. by Ralph E. Heimlich. 40 pp. August 1991. **Order # AGES 9149. \$8.00.** This report is based on a 1990 symposium addressing the potential for agricultural economists to contribute to the evolving wetlands policy.

**Conservation and Environmental Issues in Agriculture: An Economic Evaluation of Policy Options**, by David Ervin and others. 62 pp. July 1991. **Order # AGES 9134. \$11.00.** Focuses on reducing potentially adverse effects of agricultural chemicals on ground-water quality, improving surface-water quality, restoring agricultural wetlands, and extending environmental benefits on selected Conservation Reserve Program lands.

**The Conservation Reserve Program: An Economic Assessment**, by C. Edwin Young and C. Tim Osborn. 40 pp. February 1990. **Order # AER-626. \$8.00.** Estimates the net economic benefits of the CRP.

**The Conservation Reserve Program: Enrollment Statistics for Signup Periods 1-9 and Fiscal Year 1989**, by C. Tim Osborn and others. 152 pp. July 1990. **Order # SB-811. \$14.00.** Presents CRP enrollment and accomplishments.

# Monographs

**Natural Resources and Users Benefit from the Conservation Reserve Program**, by Marc O. Ribaudo and others. 51 pp. January 1990. **Order # AER-627. \$8.00.** Estimates how retiring cropland benefits natural resources under three scenarios of CRP enrollment.

**Implementing the Conservation Reserve Program: Analysis of Environmental Options**, by Clayton W. Ogg and others. 26 pp. October 1989. **Order # AER-618. \$5.50.** Addresses which types of land to target to gain maximum environmental benefits from the CRP.

**Soil Depletion Estimates: Version 2: A User's Guide to a Personal Computer Model for Estimating Long-Term Onsite Physical and Economic Impacts of Soil Depletion**, by Leonard L. Bull and Daniel E. Kugler. 21 pp. January 1990. **Order # AGES 9005. \$8.00.** Compares shortrun and longrun effects on erosion and economic returns from alternative resource management systems.

**Investments in Soil Conservation and Land Improvements: Factors Explaining Farmers' Decisions**, by Elizabeth G. Nielsen and others. 36 pp. January 1989. **Order # AER-601. \$5.50.** Sheds new light on factors that determine farmers' investments in land improvements, including soil conservation, drainage, and land clearing.

**A Permanent Wetland Reserve: Analysis of a New Approach to Wetland Protection**, by Marc Carey and others. 20 pp. August 1990. **Order # AIB-610. \$4.00.** Discusses the likely geographic distribution of a permanent wetland reserve, crop rotations likely to be affected, and potential easement and restoration costs.

**Productivity and Erodibility of U.S. Cropland**, by Ralph E. Heimlich. 21 pp. January 1989. **Order # AER-604. \$5.50.** Finds that highly erodible farmland may also be highly productive and valuable.

**Soil Conservation PKG-5.** Includes *Investments in Soil Conservation and Land Improvements: Factors Explaining Farmers' Decisions* and *Productivity and Erodibility of U.S. Cropland*. An \$11 value for \$8.00. **Order # PKG-5. \$8.00.**

**Water Quality Benefits from the Conservation Reserve Program**, by Marc O. Ribaudo. 30 pp. February 1989. **Order # AER-606. \$5.50.** Looks at the estimated \$3.5 to \$4 billion in water quality benefits that may be generated as a side effect of the Conservation Reserve Program.

**Irrigated Acreage in the Conservation Reserve Program**, by Glenn D. Schaible. 19 pp. July 1989. **Order # AER-610. \$5.50.** Identifies the extent of marginal irrigated acreage enrolled in the CRP through 1987 and the likely amount of such land to be enrolled in the CRP.

**The Conservation Reserve Program and Its Effect on Land Values**, by Robbin Shoemaker. 5 pp. January 1989. **Order # AIB-554. \$3.00.** Uses differences in average bids between signups (enrollment periods) to estimate an upper limit on the CRP's effects on the value of enrolled land.

**Estimating the Offsite Household Damages from Wind Erosion in the Western United States**, by Stephen Piper and Linda K. Lee. 21 pp. June 1989. **Order # AGES 89-26. \$5.50.** Finds that wind-caused soil erosion in some Western

regions increases the need for interior and exterior cleaning, reduces recreational opportunities, and impairs health.

**Soil Erosion: What Effect on Agricultural Productivity?** by Klaus Alt and others. 6 pp. January 1989. **Order # AIB-556. \$3.00.** Estimates the potential losses in agricultural productivity from wind, sheet, and rill erosion.

## Farm Policy

**Provisions of the Food, Agriculture, Conservation, and Trade Act of 1990**, ed. by Susan L. Pollack and Lori Lynch. 168 pp. June 1991. **Order # AIB-624. \$14.00.** Summarizes major provisions of the Food, Agriculture, Conservation, and Trade Act of 1990, the framework for administering agricultural and food programs during 1991-95. Includes all major commodity programs, such as income and price support, food stamps, crop insurance and disaster assistance, among others.

**Changes in U.S. Agriculture and Emerging Issues for Legislation in the 1990's**, by Kathryn L. Lipton. 12 pp. December 1989. **Order # AIB-584. \$3.00.** Outlines recent changes in the structure and financial picture of U.S. agriculture and reviews topics considered in farm legislation.

**Monetary Policy: The Potential Role for Agricultural Commodity Prices**, by John Kitchen and others. 22 pp. June 1990. **Order # TB-1779. \$8.00.** Presents empirical evidence on the relationships among agricultural and nonagricultural commodity prices, general price level, monetary aggregates, interest rates, industrial production, and the exchange rate.

**Agricultural-Food Policy Review: U.S. Agricultural Policies in a Changing World**. 404 pp. November 1989. **Order # AER-620. \$12.00.** Brings together background information for assessing today's agricultural sector and programs of the Food Security Act of 1985, and for looking at new agricultural, environmental, and rural development strategies.

**A Glossary of Food and Agricultural Policy Terms, 1989**, by Kathryn L. Lipton and Susan L. Pollack. 46 pp. November 1989. **Order # AIB-573. \$5.50.** A guide to many terms associated with food and agricultural policies and programs.

**Computable General Equilibrium Modeling of Agricultural Policies: Documentation of the 30-Sector FPGE GAMS Model of the United States**, by Maureen Kilkenny. 68 pp. June 1991. **Order # AGES 9125. \$11.00.** Explains how U.S. agricultural policies are modeled in the Farm Policy in General Equilibrium, General Algebraic Modeling System, which features: (1) farm programs modeled explicitly rather than by using ad valorem equivalents; (2) how every dollar is spent, received, and accounted for under farm programs; and (3) the idea that farm households earn nonfarm income and nonfarm households own farmland.

**World Food Security: The Effect of U.S. Farm Policy**, by Mark E. Smith. 8 pp. April 1990. **Order # AIB-600. \$4.00.** Defines U.S. world food security and looks at how U.S. domestic farm policies affect it.

**The Basic Mechanisms of Japanese Farm Policy**. 40 pp. February 1990. **Order # MP-1478. \$5.50.** Illustrates the workings of Japanese farm policy, looking at rice price support and beef import restrictions.

## Basic Mechanisms of U.S. Farm Policy

**The Basic Mechanisms of U.S. Farm Policy: How They Work, with Examples and Illustrations.** 88 pp. January 1990. Order # MP-1479. \$6.50. Describes in plain English the key concepts of how U.S. farm policy works. Takes you step by step through the major programs. Separated into three, easy-to-follow sections. *Also available in separate volumes, as shown below.*

**The Basic Mechanisms of U.S. Farm Policy, Part One: Target, Loan & Deficiency.** 28 pp. May 1989. Order # MP-1470. \$5.50.

**The Basic Mechanisms of U.S. Farm Policy: Part Two: Deficiency Payments, Certificates, and PIK & Roll.** 32 pp. December 1989. Order # MP-1476. \$5.50.

**The Basic Mechanisms of U.S. Farm Policy: Part Three: Export Enhancement, FOR, Marketing Loans, Disaster Payments, and CRP.** 28 pp. December 1989. Order # MP-1477. \$5.50.

**AAEA Award Winners PKG-7.** Consists of: *The Basic Mechanisms of Japanese Farm Policy*, *The Basic Mechanisms of European Community (EC) Farm Policy*, *Multilateral Trade Reform: What the GATT Negotiations Mean to U.S. Agriculture* (short form); and *Multilateral Trade Reform: What the GATT Negotiations Mean to U.S. Agriculture* (long form). Order # PKG-7. \$16.50.

**The Basic Mechanisms of European Community (EC) Farm Policy.** 28 pp. August 1990. Order # MP-1485. \$5.50. Illustrates the effects of target, intervention, and threshold prices, plus levies and refunds.

**The 1990 Farm Act and the 1990 Budget Reconciliation Act: How U.S. Farm Policy Mechanisms Will Work Under New Legislation.** 40 pp. December 1990. Order # MP-1489. \$8.00. This popular booklet explains the main features of the new 5-year farm law in easy-to-follow pages of illustrative material. These verbal graphics act as a self-programmed instruction method, leading the reader from one point to the next. The booklet works in the same general way as an informal briefing that makes its points step by step with overhead transparencies. Its focus is on program commodities.

## Food

**Food Spending in American Households, 1980-88**, by David M. Smallwood and others. 104 pp. May 1991. Order # SB-824. \$11.00. Presents information on trends in household food expenditures for major food groups by selected demographic factors for 1980-88.

**Food Consumption, Prices, and Expenditures, 1968-89**, by Judith Jones Putnam and Jane E. Allshouse. 160 pp. May 1991. Order # SB-825. \$14.00. This ERS bestseller presents historical data on food consumption, prices, and expenditures, and U.S. income and population.

**Food Consumption, Prices, and Expenditures, 1968-89 Report and Data Product.** The perennial ERS bestseller, now available in two forms—the report and the electronic data product—is pulled together for you for one low package price. Order # 91PK01A (report and four 5.25" disks), \$49.50. Order # 91PK01B (report and one 3.5" disk), \$27.00.

**The Food Marketing Revolution, 1950-90**, by Alden C. Manchester. 8 pp. August 1991. Order # AIB-627. \$4.00. Looks at some of the changes in population, lifestyle, income, and attitudes which significantly changed the food marketing system: a boom in supermarkets, greater diversity among supermarkets, fewer but larger wholesaling firms, growth in away-from-home eating, and internationalization of manufacturing.

**Food Cost Review, 1990**, by Denis Dunham. 50 pp. June 1991. Order # AER-651. \$8.00. Finds that food prices, as measured by the Consumer Price Index, increased 5.8 percent in 1990, the same as the year before.

**The Food Marketing System in 1990**, by Anthony E. Gallo. 16 pp. August 1991. Order # AIB-632. \$4.00. Looks at the food marketing system's strength of recent years, which held through 1990. Profitability from operations increased sharply, despite lower sales.

**U.S. Food Spending and Income: Changes Through the Years**, by Alden Manchester. 19 pp. January 1991. Order # AIB-618. \$4.00. Explores relationships that have contributed to increases in U.S. food spending over the years and the decline in food spending's share of personal income.

**Food Marketing Review, 1989-90.** 126 pp. November 1990. Order # AER-639. \$11.00. Examines developments in the food marketing system, encompassing all firms servicing the U.S. food supply such as manufacturing, wholesaling, and retailing.

**Food Costs...From Farm to Retail in 1990**, by Denis Dunham. 12 pp. March 1991. Order # AIB-619. \$4.00. This annual report looks at how much food costs change, and how much of the consumer food dollar goes to the farmer. Retail food prices in 1990 averaged 5.8 percent above 1989.

**U.S. Demand for Food: A Complete System of Quantity Effects on Prices**, by Kuo S. Huang. 56 pp. July 1991. Order # TB-1795. \$11.00. Explores a large-scale U.S. demand system, providing empirical estimates based on 39 food categories and 1 nonfood sector.

**Construction of True Cost of Food Indexes from Estimated Engel Curves**, by William N. Blisard and James R. Blaylock. 40 pp. May 1991. Order # TB-1787. \$8.00. Compares estimated indexes of the true cost of food with the Consumer Price Index for households of differing characteristics.

**The Effect of Food Stamps and Income on Household Food Expenditures**, by J. William Levedahl. 27 pp. July 1991. Order # TB-1794. \$8.00. Reexamines past estimates of the effect of income and food stamp benefits on food expenditures.

**Generic Promotion of Agricultural Products: Balancing Producers' and Consumers' Needs**, by William N. Blisard and James R. Blaylock. 6 pp. July 1989. Order # AIB-565. \$3.00. Examines policy issues involved in Government-authorized generic advertising programs.

## Monographs

**Data for Food Demand Analysis: Availability, Characteristics, Options**, by Alden C. Manchester. 48 pp. April 1990. Order # AER-613. \$8.00. Discusses the availability, characteristics, and derivation of time series for food consumption, food prices, food expenditures, and income for use in food demand analysis.

**Supermarket Prices and Price Differences: City, Firm, and Store-Level Determinants**, by Philip R. Kaufman and Charles R. Handy. 68 pp. December 1989. Order # TB-1776. \$8.00. Investigates how much supermarket prices vary, both among firms within cities and among firms in different cities, and the reasons for these differences.

**Effects of Advertising on the Demand for Cheese and Fluid Milk**. NEW. See page 7.

**Effects of Advertising on the Demand for Cheese, January 1982-June 1989**, by James R. Blaylock and William N. Blisard. 32 pp. August 1990. Order # AGES 9055. \$8.00. Reports on research to determine what effect advertising has had on the demand for natural and processed cheese.

**The Economics of Safeguarding the U.S. Food Supply**, by Tanya Roberts and Eileen van Ravenswaay. 8 pp. July 1989. Order # AIB-566. \$3.00. A look at the economic issues involved in detecting and eliminating contaminants in the food supply and the challenges of incorporating new technology into workable food safety policies.

**Pesticide Residues and Food Safety: Aspects of a Changing Structure**. Ed. by Walter L. Ferguson and Philip Szmedra. 43 pp. February 1991. Order # AGES 9110. \$8.00. Explores the Delaney Clause paradox and the Environmental Protection Agency's rationale for altering the method by which pesticides are evaluated.

**Economic Analysis of Electron Accelerators and Cobalt-60 for Irradiating Food**, by Rosanna M. Morrison. 38 pp. June 1989. Order # TB-1762. \$5.50. Average costs per pound of irradiating food are similar for the electron accelerator and cobalt-60 irradiators, but initial investment costs can vary by \$1 million.

**Retail to Farm Linkage for a Complete Demand System of Food Commodities**, by Michael K. Wohlgemant and Richard C. Haidacher. 47 pp. December 1989. Order # TB-1775. \$8.00. Describes a new conceptual model to estimate the effects of demand, supply, and marketing margins on retail food prices and farm prices.

**U.S. Domestic Food Assistance Program: Lessons from the Past**, by J. William Levedahl and Masao Matsumoto. 16 pp. January 1990. Order # AIB-570. \$4.00. Describes current domestic food assistance programs, their relationships to each other, their effects on the food production and marketing sectors, and cost.

## Futures and Options

**Subsidized Put Options as Alternatives to Price Supports**, by Joseph W. Glauber and Mario J. Miranda. 24 pp. December 1989. Order # TB-1773. \$5.50. Compares effectiveness of a subsidized put option program to support and stabilize producer income with the current program.

**Effects of a Subsidized Put Option Program and Forward Selling on Farmers' Revenue Risks**, by Gerald Plato. 26 pp. December 1989. Order # TB-1777. \$5.50. Compares the effectiveness of the current commodity program for cotton, corn, soybeans, and wheat with the effectiveness of a subsidized put option program for these four commodities.

**Potentials for Substituting Farmers' Use of Futures and Options for Farm Programs**, by Richard G. Heifner and Bruce Wright. 75 pp. December 1989. Order # AER-628. \$8.00. Identifies possibilities and quantifies the effects of policy alternatives that involve greater use of forward markets.

**Futures, Options, and Farm Programs: Report to Congress on a Study Mandated by the Food Security Act of 1985**, by Richard G. Heifner and others. 28 pp. January 1990. Order # AGES-9003. \$8.00. Looks at how farmers might use futures and options markets, the price stability and income protection attainable through such use, and the effects on the Federal budget.

## Inputs

**Climate Change: Economic Implications for World Agriculture**. NEW. See page 8.

**A Global Analysis of Energy Prices and Agriculture**. NEW. See page 8.

**Capacity Utilization and Measurement of Agricultural Productivity**, by James H. Hauver and others. 40 pp. August 1991. Order # TB-1798. \$8.00. Develops a theoretical model of capacity utilization and productivity measurement, estimated for 1949-87, for the U.S. farm sector.

**Estimating Forage Values for Grazing National Forest Lands**, by William F. Hahn and others. 68 pp. October 1989. Order # AGES 89-51. \$8.00. Provides estimates of the ability of ranchers to pay for Forest Service grazing.

**Ethanol and U.S. Agriculture**, by Sally Kane and Michael LeBlanc. 8 pp. January 1989. Order # AIB-559. \$3.00. Assesses contribution of ethanol production to national objectives on energy, environment, and trade policy.

**Economics of Ethanol Production in the United States**, by Sally M. Kane and John M. Reilly. 20 pp. March 1989. Order # AER-607. \$5.50. Evaluates structural characteristics of the ethanol industry, including economies of scale and the relative economics of wet- and dry-mill plants.

**Ethanol PKG-4**. Includes *Ethanol and U.S. Agriculture* and *Economics of Ethanol Production in the United States*. An \$8.50 value for \$6.25. Order PKG-4. \$6.25.

**Global Trade in Agricultural Inputs**, by Stan Daberkow and John Parks. 88 pp. September 1990. Order # SB-812. \$11.00. Gives historical perspective and statistics on the extent and direction of international trade in manufactured agricultural inputs and agricultural genetic materials.

**The Economic Cost of Unemployment and Underemployment**, by Mervin J. Yetley. 28 pp. May 1989. Order # AGES 89-17. \$5.50. Describes the procedure used to estimate the magnitude of lost earnings due to both underemployment and unemployment.

# Monographs

**Economic Returns to Boll Weevil Eradication**, by Gerald A. Carlson and others. 31 pp. September 1989. Order # AER-621. **\$5.50**. Evaluates returns of a pest control program in a large geographical area and the joint efforts of farmers and public agencies, in contrast to pest control efforts by individuals, which can be less successful.

**Agricultural Pesticide Use Trends and Policy Issues**, by Craig D. Osteen and Philip I. Szmedra. 87 pp. September 1989. Order # AER-622. **\$8.00**. Discusses pesticide use trends and factors affecting those trends.

**Elasticities of Fertilizer Demands for Corn in the Short and the Long Run: A Cointegrated and Error-Correcting System**, by Mark Denbaly and Harry Vroomen. 13 pp. August 1991. Order # AGES 9137. **\$4.00**. Estimates a set of dynamic demand models for nitrogen, phosphate, and potash use in corn production, which accounts for nearly half of total U.S. fertilizer nutrient use.

**A Direct Approach for Estimating Nitrogen, Phosphorus, and Land Demands at the Regional Level**, by Harry Vroomen and Bruce Larson. 17 pp. March 1991. Order # TB-1786. **\$8.00**. Finds that estimates of fertilizer and land demands in the Corn Belt reveal profit-maximizing input elasticities of demand.

**Forecasting Retail Fertilizer Prices: A Combined Time-Series Regression Analysis Approach**, by Harry Vroomen. 14 pp. April 1991. Order # TB-1789. **\$8.00**. Combines a regression and time-series analysis to develop a reliably accurate shortrun price forecasting model of retail fertilizer prices.

**Fertilizer PKG-1**. Includes two reports: *Fertilizer Use and Price Statistics, 1960-88*, and *Fertilizer Trade Statistics, 1970-88*. A \$13.50 value for \$10.00. Order # PKG-1. **\$10.00**.

**Fertilizer Use and Price Statistics, 1960-88**, by Harry Vroomen. 56 pp. July 1989. Order # SB-780. **\$8.00**. Includes quarterly or semiannual time series for farm fertilizer price indexes, consumption by plant nutrient and major selected products, and statistics on fertilizer use per acre by nutrient in major producing States for corn, cotton, soybeans, and wheat.

**Fertilizer Trade Statistics, 1970-88**, by Harry Vroomen. 28 pp. June 1989. Order # SB-782. **\$5.50**. Includes data on U.S. imports and exports of selected fertilizer materials; world and U.S. imports and exports of nitrogen, phosphate, and potash; and U.S. import origins and export destinations for selected fertilizer materials.

**Seven Farm Input Industries**, ed. by Joseph R. Barse. 125 pp. September 1990. Order # AER-635. **\$11.00**. Describes seven industries that provide resources for farming (fertilizer, pesticides, energy, feed, credit, farm machinery, and hired labor) and explains the situation of the industries during 1966-86.

**Tractor Depreciation and Technical Change: A Case Study of 60-Horsepower Tractors**, by LeRoy Hansen and Hyunok Lee. 20 pp. February 1990. Order # TB-1772. **\$4.00**. Examines physical depreciation and technical change in farm tractors to quantify changes in this type of capital.

**Major World Crop Areas and Climatic Profiles**. 163 pp. Order # AH-664. **\$8.00**. Identifies key U.S. and foreign regions, concentrated production zones, and the normal timing of critical crop stages for 13 major crops.

**Weather in U.S. Agriculture: Monthly Temperature and Precipitation by State and Farm Production Region, 1950-88**, by Lloyd D. Teigen and Florence Singer. 131 pp. November 1989. Order # SB-789. **\$8.00**. Shows monthly temperature and precipitation data by climatic division, in the 48 contiguous States using two alternative sets of weights: geographic areas and harvested cropland areas.

**Effects of the 1988 Drought on Farm Finances**, by Gerald Whittaker. 16 pp. August 1990. Order # AIB-611. **\$4.00**. This evaluation of the 1988 drought's effects on farm finances finds that nine States in the Upper Midwest received 70 percent of Federal crop damage payments and 40 percent of the livestock feed disaster payments made through August 1989.

## Irrigation and Water Use

**Irrigation PKG-3**. Includes *Water Conservation Through Irrigation Technology and Agricultural Use of Federally Supplied Irrigation Water, 1979-86*. An \$11 value for \$8.00. Order PKG-3. **\$8.00**.

**Agricultural Use of Federally Supplied Irrigation Water, 1979-86**, by Tom McGuckin and others. 70 pp. December 1989. Order # SB-788. **\$8.00**. Describes trends in cropping patterns and Bureau of Reclamation water use for 1979-86.

**Water Conservation Through Irrigation Technology**, by Donald H. Negri and John J. Hanchar. 12 pp. November 1989. Order # AIB-576. **\$3.00**. Finds that new equipment and advanced water management practices conserve water without sacrificing crop yields.

**Economics of Controlling Sediment from Irrigation: An Idaho Example**, by Richard Magleby and others. 32 pp. September 1989. Order # AGES 89-33. **\$5.50**. Summarizes the results of the evaluation of Idaho's Rock Creek Rural Clean Water Program project, an experimental program aimed at providing experience and insights for future nonpoint pollution control programs.

**Irrigated Agriculture In the United States: State-Level Data**, by John J. Hanchar. 72 pp. January 1989. Order # SB-767. **\$8.00**. Presents previously unreported State-level data on the structure and characteristics of irrigated farms in Arkansas, Louisiana, Florida, and the 17 Western States.

**Factor Demand in Irrigated Agriculture Under Conditions of Restricted Water Supplies**, by Daniel J. Bernardo and Norman K. Whittlesey. 13 pp. July 1989. Order # TB-1765. **\$5.50**. Uses a whole-farm irrigation management model to look at several scenarios of limited water supply.

**Public Policies in Water-Resource Use: Their Effect on Groundwater Mining and Surface-Water Imports**, by C.S. Kim and Michael R. Moore. 35 pp. July 1989. Order # TB-1764. **\$5.50**. Analyzes the effect of public policies on the rate of groundwater use and on the timing of surface water transported into an area to satisfy regional water demand.

**A User's Manual for the Irrigation Production Data System (IPDS)**, by Glenn D. Schaible and others. 68 pp. April 1989. Order # AGES 89-10. **\$8.00**. Documents IPDS, a Lotus 1-2-3 microcomputer database, its structure, data, and computer requirements, and describes other characteristics of the system.

## Monographs

**Economic Benefit Considerations in Selecting Water Quality Projects: Insights from the Rural Clean Water Program**, by Stephen Piper and others. 36 pp. May 1989. Order # AGES 89-18. \$5.50. Finds that projects under the Rural Clean Water Program that preserve or improve water quality in a heavily used lake or estuary appear to have the greatest potential for generating net benefits.

**Economic and Technical Adjustments in Irrigation Due to Declining Ground Water**, by William Crosswhite and others. 35 pp. February 1990. Order # AGES 9018. \$8.00.

Examines changes that irrigators are likely to make as the cost of water rises because of increasing pumping lift and declining well yields in groundwater areas.

**Water Allocation Tradeoffs: Irrigation and Recreation**, by Leroy T. Hansen and Arne Hallam. 21 pp. June 1990. Order # AER-634. \$8.00. Develops a procedure for estimating the marginal value of water used for fishing that includes the effects of upstream diversions on all points downstream.

## New Technology

**Public Regulation of Agricultural Biotechnology Field Tests: Economic Implications of Alternative Approaches**, by Bruce A. Larson and Mary K. Knudson. 19 pp. August 1991. Order # TB-1793. \$8.00. Examines four general types of regulatory approaches to limit public risk from field testing: a fixed-cost regulatory standard, a marginal-cost standard, a property rule (environmental bond), and a liability rule.

**Consumer Effects of Biotechnology**, by John M. Reilly. 12 pp. December 1989. Order # AIB-581. \$3.00. Identifies issues and tradeoffs between concerns raised by biotechnology and the problems people hope biotechnology will solve.

**Biotechnology and Agriculture: Emergence of Bovine Somatotropin (bST)**, by Don Blayney and Richard Fallert. 28 pp. June 1990. Order # AGES 9037. \$8.00. Updates and extends a 1987 study of bST and the dairy industry.

**Issues Raised by New Agricultural Technologies: Livestock Growth Hormones**, by Fred Kuchler and John McClelland. 40 pp. April 1989. Order # AER-608. \$5.50. Looks at the changes to be expected if all livestock were treated with growth hormones.

**Chemigation: A Technology for the Future?** by Noel Gollehon. 16 pp. July 1990. Order # AIB-608. \$4.00. Defines and describes chemigation, the use of an irrigation system to apply chemicals to soils and plants. Also discusses benefits as well as management and resource considerations.

**International Technology Transfer in U.S. Agriculture**, by Margot Anderson. 12 pp. August 1989. Order # AIB-571. \$3.00. Discusses implications of and reasons for private sector expansion into agricultural research and technology transfers.

**Implications of New Technology for the Livestock Sector: Animal Growth Hormones**. NEW. See page 7.

**How Technological Progress and Government Programs Influence Agricultural Land Values**, by Robbin Shoemaker. 12 pp. January 1990. Order # AIB-582. \$4.00. Examines the mix of forces leading to the longrun increase in land values.

## Rural Issues

**From the Grassroots: Profiles of 103 Rural Self-Development Projects**, by Jan L. Flora and others. 109 pp. April 1991. Order # AGES 9123. \$11.00. A look at how some rural localities in the 1980's relied on their own financial and organizational resources to initiate projects generating jobs or income, including community-based development, local business and industry, and tourism and historical development.

**The Role of the Elderly's Income in Rural Development**, by Robert A. Hoppe. 23 pp. January 1991. Order # RDRR-80. \$8.00. Examines the elderly's sources of income that could form an economic base for rural development. Finds that income of the elderly can help stabilize local economies and even create jobs.

**An Update: The Diverse Social and Economic Structure of Nonmetropolitan America**, by Thomas F. Hady and Peggy J. Ross. 38 pp. May 1990. Order # AGES 9036. \$8.00. Updates a 1979 classification system of nonmetro counties developed by ERS that identified rural counties according to their economic and social structure.

**Effects of Population Growth and County Type on Farm Structure, 1970-80**, by Nora Brooks and others. 20 pp. August 1989. Order # AGES 89-37. \$5.50. Examines whether farm structure is affected by change in community characteristics, and if these structural effects differ by the community's metro-nonmetro status.

**Rural America: Economic Performance, 1989**, by J. Norman Reid and Martha Frederick. 24 pp. August 1990. Order # AIB-609. \$8.00. Finds that rural America's economy in 1980-89 was more sluggish than the urban economy and continued to undergo industrial restructuring.

**A State-Level Examination of Metro/Nonmetro Per Capita Income Inequality, 1979-87**, by John M. Redman and Thomas D. Rowley. 104 pp. May 1991. Order # AGES 9108. \$11.00. Explores on a State-by-State basis the issue of income inequality between the metro and nonmetro populations and among nonmetro counties.

**Patterns of Change in the Rural Economy, 1969-86**, by T. Alexander Majchrowicz. 36 pp. December 1989. Order # RDRR-73. \$5.50. Analyzes changes in county data on labor force, employment, and income for metro and nonmetro counties.

**Rural-Urban Continuum Codes for Metro and Nonmetro Counties**, by Margaret A. Butler. 38 pp. April 1990. Order # AGES 9028. \$8.00. Provides a one-digit code for each of 10 classifications for all U.S. counties.

**The Economic Well-Being of Nonmetro Children**, by Carolyn C. Rogers. 43 pp. March 1991. Order # RDRR-82. \$8.00. Analyzes the economic well-being of children living in families with at least one parent present, by metro-nonmetro residence, using data supplement to the 1988 Current Population Survey.

**Explanatory Guide to the ERS Metro and Nonmetro Labor Force and Income Data Diskette**, by Martha Frederick. 24 pp. August 1989. Order # AGES 89-39. \$5.50. Explains the labor force, employment, and income data included on the ERS Metro and Nonmetro Labor Force and Income Data Diskette.

# Monographs

## State-Level Comparisons of Metro and Nonmetro

**Economic Performance, 1979-86**, by John M. Redman and Thomas D. Rowley. 25 pp. November 1989. **Order # AGES 89-60. \$5.50.** Presents State-level data for 1979-86 on metro and nonmetro population, employment, and income, and describes individual States based on the relative economic performance of their metro and nonmetro areas.

**Jobs and Earnings in Nonmetro Industry**, by Linda M. Ghelfi and T. Alexander Majchrowicz. 12 pp. February 1990. **Order # AIB-589. \$4.00.** Finds that nonmetro job growth accelerated, and real earnings grew, but more slowly in 1987 than in 1982-86.

**Work and Poverty in Metro and Nonmetro Areas**, by Elizabeth S. Morrisey. 19 pp. June 1991. **Order # RDRR-81. \$8.00.** Discusses worker poverty rates, which were 10 percent in nonmetro areas in 1989, compared with 5.7 percent in metro areas.

**Macroeconomic Shocks: Effects on the General Economy, Agricultural Prices, and Rural Unemployment**, by John Kitchen and Elizabeth Mack. 29 pp. August 1991. **Order # AGES 9143. \$8.00.** Features a structural, simultaneous equation model of quarterly frequency based on the Neoclassical-Keynesian Synthesis of macroeconomic theory.

**Macroeconomic Impacts on Nonmetro Unemployment: Preliminary Research**, by Karen S. Hamrick. 19 pp. August 1991. **Order # AGES 9141. \$8.00.** Develops and discusses a model of the nonmetro unemployment rate, and analyzes regional sectors and county type within the nonmetro aggregate.

**Metro/Nonmetro Program Performance Under Title II-A, Job Training Partnership Act**, by John M. Redman. 30 pp. December 1990. **Order # AGES 9072. \$8.00.** Compares metro and nonmetro program performance during program years 1986 and 1987.

**Metro/Nonmetro Funding Allocation Under Title II-A, Job Training Partnership Act**, by John M. Redman. 26 pp. November 1990. **Order # AGES 9071. \$8.00.** The Job Training Partnership Act's (JTPA) Title II program is the main Federal effort to improve employability of the economically disadvantaged.

**Targeting Aid to Distressed Rural Areas: Indicators of Fiscal and Community Well-Being**, by Richard J. Reeder. 54 pp. November 1990. **Order # AGES 9067. \$11.00.** Finds that commonly used indicators of fiscal and community well-being, such as unemployment, tax effort, and population size, disproportionately favor urban areas over rural ones.

**The Rapid Rise in State Per Capita Income Inequality in the 1980's: Sources and Prospects**, by Thomas D. Rowley, John M. Redman, and John Angle. 21 pp. January 1991. **Order # AGES-9104. \$8.00.** Finds that State per capita incomes diverged beginning in 1979, reversing a 50-year trend.

**Status of the Nonmetro Labor Force, 1987**, by Alan R. Bird. 26 pp. September 1990. **Order # RDRR-79. \$8.00.** Develops indicators of labor market conditions and uses them to show that nonmetro workers faced generally more unfavorable employment conditions than metro workers in 1987.

**Employment Stability Among Workers: A Case Study from Nine Nonmetro Kentucky Counties, 1979**, by Donald K. Larson. 26 pp. July 1989. **Order # AGES 89-31. \$5.50.** Shows

that even during a period of rapid growth (1974-79) in south central Kentucky, employment was disrupted for some workers.

**Political Leaders as Entrepreneurs? Economic Development in Small Communities**, by Alvin D. Sokolow and Julie Spezia. 33 pp. October 1990. **Order # RDRR-77. \$8.00.** Reviews 17 successful cases of smalltown development, which compare project initiators and their actions, and suggest several critical differences between local political leadership and entrepreneurship.

**Entrepreneurship Theories and Their Use in Rural Development: An Annotated Bibliography**, by Martha Frederick and Celeste A. Long. 88 pp. April 1989. **Order # BLA-74. \$8.00.** A guide to theoretical material and to more recent empirical work on entrepreneurs in different economic climates.

**Survival and Growth of Independent Firms and Corporate Affiliates in Metro and Nonmetro America**, by James P. Miller. 24 pp. February 1990. **Order # RDRR-74. \$8.00.** Reveals that local, independent firms survived better and grew faster than corporate affiliates in nonmetro areas.

**Nonmetro Development PKG-2. Includes Survival and Growth of Independent Firms in Metro and Nonmetro America and The Importance of Transfer Payments in Nonmetro America**. An \$11 value for \$8.00. **Order PKG-2. \$8.00.**

**Financial Market Intervention as a Rural Development Strategy**. 93 pp. December 1990. **Order # AGES-9070. \$11.00.** Describes and assesses the effectiveness of the financial system currently serving rural America.

**Infrastructure Investment and Economic Development: Rural Strategies for the 1990's**. 81 pp. December 1990. **Order # AGES-9069. \$11.00.** Explores the effects of investing in transportation, telecommunications, and water and wastewater infrastructure to improve rural economies.

**Assessment of Wastewater Treatment Facilities in Small Communities**, by Barry Ryan. 19 pp. August 1991. **Order # AGES 9140. \$8.00.** Examines the condition of wastewater treatment facilities in communities of no more than 10,000 people.

**Public Water Supply in Rural Communities: Results from the National Rural Community Facilities Assessment Study**, by Thomas F. Stinson and others. 50 pp. January 1989. **Order # AGES 89-4. \$5.50.** Presents estimates on public water facilities serving rural communities.

**Effects of Fiscal Policy on Agriculture and the Rural Economy**, by John Kitchen and David Orden. 24 pp. June 1991. **Order # AGES 9131. \$8.00.** Explores preliminary ideas for addressing questions of fiscal policy effects on agriculture and the rural economy.

**Geographic Distribution of Federal Funds in 1985**, by Elliott J. Dubin. 109 pp. March 1989. **Order # AGES 89-7. \$8.00.** Examines the metro/nonmetro distribution of Federal funds in fiscal year 1985.

**The Importance of Transfer Payments in Nonmetro America**, by Linda Ghelfi and Robert Hoppe. 8 pp. March 1989. **Order # AIB-562. \$3.00.** Finds that transfer payments are a growing source of income in nonmetro areas, accounting for 18.7 percent of annual personal income in 1986.

## Monographs

**The Drought of 1988: Effects on the U.S. Food and Fiber Sector and on Rural Communities.** 53 pp. January 1989. Order # AGES 89-8. \$5.50. Presents data and information from surveys of farmers conducted during 1988.

**Education and Rural Economic Development: Strategies for the 1990's.** NEW. See page 8.

**Local Response to Federal Budget Policies: A Study of Nonmetropolitan Communities In Ohio,** by Philip A. Russo, Jr., and others. 41 pp. June 1989. Order # AGES 89-24. \$5.50. Investigates how declining Federal funding, 1981-86, affected six nonmetro counties and six small cities in Ohio.

**Helping Those Who Venture: Iowa's Rural Economic Development Measures,** by Don F. Hadwiger. 38 pp. September 1990. Order # AGES 9047. \$8.00. Finds that a quarter of Iowa's State budget encompasses measures aimed at rural development.

### U.S. Trade

**Foreign Agricultural Trade of the United States, Calendar Year 1989: Supplementary Tables,** by Mary L. Fant. 296 pp. March 1991. Order # AGES-9112. \$14.00. Presents statistical summaries of U.S. foreign trade in agricultural products by country during calendar years 1988 and 1989. Shows exports and imports valued at more than \$1 million.

**Value-Weighted Quantity Indices of Exports for High-Value Processed Agricultural Products,** by Larry G. Traub. 368 pp. August 1991. Order # SB-827. \$14.00. Finds that trade in high-value processed agricultural products doubled for the United States during 1961-86 and climbed throughout the rest of the world.

**U.S. Imports of Fruits and Vegetables Under Plant Quarantine Regulations, Fiscal Year 1988,** by Joan Pearrow. 51 pp. July 1991. Order # AGES 9135. \$8.00. Summarizes imports of over 200 commodities by country of origin and port of entry from October 1, 1987, through September 30, 1988.

**Agricultural Export Programs: Background for 1990 Farm Legislation,** by Karen Z. Ackerman and Mark E. Smith. 66 pp. May 1990. Order # AGES 9033. \$11.00. Summarizes the major U.S. export programs since World War II.

**Export Demand for U.S. Corn, Soybeans, and Wheat,** by Cecil W. Davison and Carlos A. Arnade. 30 pp. January 1991. Order # TB-1784. \$8.00. Identifies the major markets for U.S. exports of corn, soybeans, and wheat, and estimates price and income elasticities for those markets to broaden the understanding of factors that affect the demand for U.S. exports.

**Foreign Aid's Effect on U.S. Farm Exports: Benefits or Penalties?** by Alain de Janvry and others. 52 pp. November 1989. Order # FAER-238. \$5.50. Identifies conditions that increase aid-trade complementarity and implications for formulating and implementing development policy.

**The Export Enhancement Program: How Has It Affected Wheat Exports?** by Ann Seitzinger and Philip Paarlberg. 12 pp. December 1989. Order # AIB-575. \$3.00. Finds that the Export Enhancement Program raised U.S. wheat export volume, prices, and gross export revenues.

**Structural Econometric Model of the World Wheat Market,** by Kenneth W. Bailey. 63 pp. June 1989. Order # TB-1763. \$8.00. Presents an econometric model to assess the effect of changing global policies and other conditions on world wheat trade and changes in U.S. farm programs on the rest of the world and on U.S. export levels.

**Evaluation of Export Enhancement, Dollar Depreciation, and Loan Rate Reduction for Wheat,** by Stephen L. Haley. 32 pp. April 1989. Order # AGES 89-6. \$5.50. Finds that U.S. export enhancement bonuses may have increased the U.S. wheat price between 7 and 22 percent, U.S. wheat export volume between 10 and 31 percent, and U.S. wheat export revenue between 18 and 61 percent for the 1986/87 crop year.

**Why Did U.S. Wheat Exports Expand?** by Kenneth W. Bailey. 8 pp. May 1989. Order # AIB-564. \$3.00. Identifies factors that expanded recent wheat exports, finding that policy effectiveness changes as market conditions change.

**Dockage and Foreign Material in the Grading Standards for Wheat Exports,** by Stephanie A. Mercier. 23 pp. December 1989. Order # AGES 89-68. \$8.00. Focuses on economic effects that a new grading standard would have on wheat producers, handlers, and exporters.

**Apple Import Demand: Four Markets for U.S. Fresh Apples,** by Amy L. Sparks, James L. Seale, Jr., and Boyd M. Buxton. 15 pp. December 1990. Order # AER-641. \$8.00. Gives the results of an econometric analysis of four U.S. overseas apple markets and explores competition in Canada, Hong Kong, Singapore, and the United Kingdom.

**U.S. Markets for Caribbean Basin Fruits and Vegetables: Selected Characteristics for 17 Fresh and Frozen Imports, 1975-87,** by Richard N. Brown, Jr., and Nydia R. Suarez. 200 pp. March 1991. Order # SB-821. \$14.00. Provides annual and monthly overviews and a database from 1975-87 for U.S. production, trade, consumption, and prices of 15 fresh fruits and vegetables and 2 frozen vegetables.

**U.S. Agricultural Trade with the Developed Pacific Rim, 1968-88,** by Wilma Davis and others. 80 pp. May 1990. Order # AGES 9035. \$11.00. This statistical compendium presents data on U.S. agricultural exports and imports with the developed Pacific Rim countries.

**Exchange Rates and U.S. Agricultural Trade,** by Mathew D. Shane. 12 pp. January 1990. Order # AIB-585. \$4.00. Finds that exchange rates are now the single most important variable in determining the economic environment for agricultural trade.

**Trade and Development: Impact of Foreign Aid on U.S. Agriculture,** edited by Gary Vocke. 69 pp. June 1990. Order # AGES 9044. \$11.00. This report reviews the role of various types of foreign assistance and international factors influencing their effectiveness in promoting economic development.

**Developing Countries' High-Value Agricultural Trade: Implications for U.S. Exports,** by Mary Burfisher and Margaret Missiaen. 14 pp. September 1990. Order # AIB-615. \$4.00. Finds that developing countries expanded their high-value product (HVP) exports to the United States during the 1980's, while remaining as only minor markets for U.S. HVP exports.

# Monographs

**Factor Intensity of U.S. Agricultural Trade**, by Darryl S. Wills and Chinkook Lee. 36 pp. August 1990. **Order # AER-637. \$8.00.** Reviews the commodity composition of U.S. agricultural exports.

**Measuring the Effectiveness of the Export Enhancement Program for Poultry**, by Stephen L. Haley. 23 pp. March 1990. **Order # AGES 9016. \$8.00.** Examines the economic effects of the EEP for poultry meat for 1987.

**Economywide Implications of Agricultural Liberalization in the United States**, by Maureen Kilkenny and Sherman Robinson. 16 pp. January 1990. **Order # AGES 9008. \$4.00.** Uses a 10-sector computable general equilibrium model to show how unilateral and multilateral changes in agricultural policy will affect the overall economy.

## Trade and Related Issues

**Bibliography of Research on Agricultural Trade Policy Reform**. NEW. See page 8.

**Sectoral Effects of a World Oil Price Shock: Economywide Linkages to the Agricultural Sector**. NEW. See page 8.

**A Survey of Theoretical and Empirical Literature Related to Export Assistance**, by Ann Hillberg Seitzinger and Philip L. Paarlberg. 32 pp. August 1989. **Order # AGES 89-34. \$5.50.** Examines the literature regarding global and targeted export assistance, including cash and payment-in-kind.

**Global Food Assessment**. 64pp. November 1990. **Order # GFA-1. \$11.00.** Assesses both short-term (2 years), and longer term issues affecting food aid needs. Contains estimates for 1990/91 and 1991/92 for 55 developing countries based on USDA data as of September 12, 1990, and data from other sources.

**Food Aid: Motivation and Allocation Criteria**, by Shahla Shapouri and Margaret Missiaen. 44 pp. February 1990. **Order # FAER-240. \$8.00.** Evaluates the motives that affect food aid policies and distribution, including a review of food aid from the United States, the European Community, and Canada.

**Competitiveness and Protection in World Agriculture**, by Thomas L. Vollrath. 12 pp. July 1989. **Order # AIB-567. \$3.00.** Explores what agricultural competitiveness means by using three different measures: market share, relative export advantage, and revealed competitiveness.

**Agricultural Policy, Trade, Economic Growth, and Development**. 191 pp. May 1989. **Order # AGES 89-19. \$8.00.** An overview of the salient domestic agricultural policies that have affected trade, development, and growth in Malawi, Kenya, Thailand, Malaysia, Ecuador, and Guatemala.

**Exporting Processed Instead of Raw Agricultural Products**, by Gerald Schluter and William Edmondson. 20 pp. November 1989. **Order # AGES 89-58. \$5.50.** Examines the national output, income, and employment effects for selected raw commodity/processed commodity combinations.

**Price Transmission Elasticities in the Trade Liberalization (TLIB) Database**, by John Sullivan. 22 pp. April 1990. **Order # AGES 9034. \$8.00.** Documents price transmission elasticities available in ERS' TLIB database.

**Agricultural Trade, Agreements, and Disputes in the Western Hemisphere**, by Nicole Ballenger and others. 43 pp. June 1989. **Order # AGES 89-28. \$5.50.** Assesses major bilateral and multilateral arrangements guiding agricultural trade relations among Western Hemisphere countries.

**The CPPA Model-Builder: Technical Structure and Programmed Options in Version 1.3**, by Kim Hjort and Pierre Van Peteghem. 108 pp. August 1991. **Order # AGES 9144. \$11.00.** Describes CPPA (Country Projections and Policy Analysis), a spreadsheet-based, program-driven system that facilitates the specification of price linkages and economic relationships in agricultural markets.

**Foreign Debt, Capital Formation, and Debtor Behavior**, by Carlos Arnade and others. 32 pp. July 1989. **Order # TB-1767. \$5.50.** Finds that problem debtor countries, with over \$10 billion in external debt, used their borrowed funds to invest less and consume more than a comparable group of debtors without repayment problems.

**Testing for the Impact of Inflation on Import Demand Functions**, by Carlos Arnade and Praveen Dixit. 20 pp. January 1989. **Order # AGES 89-3. \$5.50.** Suggests inflation does influence importers' demand, contrary to standard assumptions.

**The Specification, Estimation, and Simulation of a Small Global Macroeconomic Model**, by James R. Malley. 24 pp. March 1990. **Order # AGES 9011. \$8.00.** Describes the structure and simulation properties of a small global macroeconomic model (SGM).

**Agricultural Trade Liberalization and Developing Countries**, by Barry Krissoff and others. 46 pp. May 1990. **Order # AGES 9042. \$8.00.** Discusses some of the potential effects of agricultural trade liberalization on the economies of developing nations, featuring a static global agricultural net trade model that contains 36 countries or regions and 22 commodities.

**Incorporating Inputs in the Static World Policy Simulation Model (SWOPSIM)**, by Peter S. Liapis. 34 pp. June 1990. **Order # TB-1780. \$8.00.** Documents the methodology used to incorporate inputs in the trade liberalization models built with the Static World Policy Simulation Model.

**Documentation of the Static World Policy Simulation (SWOPSIM) Modeling Framework**, by Vernon Roningen, and others. 200 pp. September 1991. **Order # AGES 9151. \$14.00.** Includes detailed appendices, listings of variable definitions and model equations, a listing of a SWOPSIM demonstration model, screens of computer tutorials on SWOPSIM model building, printouts of the computer programs making up the SWOPSIM framework, and installation instructions.

**Using Producer and Consumer Subsidy Equivalents in the SWOPSIM Modeling Framework**, by Stephen L. Haley. 36 pp. March 1989. **Order # AGES 89-11. \$5.50.** A technical review of the use of PSE's and CSE's in statistical modeling of agricultural trade.

**Economic Implications of Agricultural Policy Reforms in Industrial Market Economies**, by Vernon O. Roningen and Praveen M. Dixit. 73 pp. August 1989. **Order # AGES 89-36. \$8.00.** Uses an 11-region, 22-commodity world net trade model to study the economic implications of farm policy reform in industrial market economies.

## Monographs

**Overview of the Static World Policy Simulation (SWOPSIM) Modeling Framework**, by Vernon Roningen, Praveen Dixit, John Sullivan, and Tracy Hart. 46 pp. March 1991. **Order # AGES 9114. \$8.00.** Helps potential users understand the basic features of SWOPSIM modeling framework and evaluate its suitability for their problems.

**SWOPSIM PKG-9.** Contains *Elasticities in the Trade Liberalization Database*; *Joint Products in the Static World Policy Simulation (SWOPSIM) Modeling Framework*; *Using Producer and Consumer Subsidy Equivalents in the SWOPSIM Modeling Framework*; *Economic Welfare Analysis: An Application to the SWOPSIM Modeling Framework*; *Economic Implications of Agricultural Policy Reforms in Industrial Market Economies*; *Overview of the Static World Policy Simulation (SWOPSIM) Modeling Framework*; and *Documentation of the Static World Policy Simulation (SWOPSIM) Modeling Framework*. A \$60 value. **Order # PKG-9. \$25.00.**

**Elasticities in the Trade Liberalization Database**, by Walter H. Gardiner and others. 72 pp. May 1989. **Order # AGES 89-20. \$8.00.** From various sources, compiles the elasticities of supply and demand available in the Trade Liberalization database.

**The Political Economy of Agricultural Trade: A Review of the Literature on Domestic Policy Behavior and International Price Formation**, by Linda Young, Mary Marchant, and Alex McCalla. 73 pp. January 1991. **Order # AGES 9103. \$11.00.** Reviews literature on political economy as related to agricultural trade. This literature is characterized by a wide variety of models and quantitative techniques.

**A Database for Trade Liberalization Studies**, by John Sullivan and others. 160 pp. March 1989. **Order # AGES 89-12. \$8.00.** Presents a global database for 22 commodities and 36 regions of the world.

**Differences in Agricultural Research and Productivity Among 26 Countries**, by George B. Frisvold and Eugene Lomax. 24 pp. May 1991. **Order # AER-644. \$8.00.** Examines the contribution of research and other policy factors to agricultural productivity in 26 countries at various stages of economic development.

## Foreign Production and Trade

**World Oilseed and Products Trade, 1962-88**, by Arthur B. Mackie and Samuel D. Calhoun. 130 pp. January 1991. **Order # SB-819. \$11.00.** Presents historical data on the volume of world trade in oilseeds, oils, and meals for 1962-88. World trade in these items more than tripled during 1962-88.

**World Agriculture: Trends and Indicators, 1970-89**. 552 pp. September 1990. **Order # SB-815. \$14.00.** Statistics on aggregate economic and agricultural growth, performance, and trade indicators for the world, for 14 geographic regions, the European Community, and for 142 individual countries. Covers population, gross domestic product, consumption, factors of production, commodity production, trade, and more.

**Agricultural Production Functions Estimated From Aggregate Intercountry Observations: A Selected Survey**, by Michael Trueblood. 22 pp. June 1991. **Order # AGES 9132. \$8.00.** Surveys 10 studies that test the meta-production

function hypothesis, which states that intercountry agricultural production variation is partly explained by different levels of human capital.

**Less Developed Countries' Performance in High-Value Agricultural Trade**, by Mary E. Burfisher and Allen Blackman. 51 pp. April 1991. **Order # AGES 9118. \$8.00.** Analyzes 35 less developed countries' (LDC's) exports of high-value and processed agricultural products (HVP's) during 1970-87.

**World Grain Stocks: Where They Are and How They Are Used**, by Jerry A. Sharples and Jeanette Krutzfeldt. 16 pp. May 1990. **Order # AIB-594. \$4.00.** Examines policies and practices of main grain stockholding countries.

**The Links Between Development and World Trade**, by Thomas Vollrath. 12 pp. February 1990. **Order # TB-1774. \$4.00.** Determines which countries will be strong competitors or trade partners of the United States.

**Estimates of Producer and Consumer Subsidy Equivalents: Government Intervention in Agriculture, 1982-87**, by Alan J. Webb and others. 368 pp. April 1990. **Order # SB-803. \$14.00.** Reports estimates of producer and consumer subsidy equivalents for more than 40 commodities and products in 27 countries and the EC.

**World Population by Country and Region, 1950-2050**, by Francis Urban and Michael Trueblood. 76 pp. April 1990. **Order # AGES 9024. \$11.00.** Contains estimates of world population from 1950 to the late 1980's and projections to 2050.

**Potential Effects of Policy Reform on the European Community Sugar Market and World Sugar Prices**, by Dale Leuck and Steve Neff. 24 pp. August 1991. **Order # AGES 9129. \$8.00.** Examines two alternative EC sugar policy reforms. Simulations suggest that trading of production quotas within national borders would have reduced net EC sugar exports by 2.3 million metric tons and increased world sugar prices by 8 percent during 1982-86.

**EC 1992: Implications for World Food and Agricultural Trade: Proceedings**. NEW. See page 7.

**EC 1992: Perspectives on Agriculture**, ed. by Walt Gardiner and David R. Kelch. 46 pp. May 1990. **Order # AGES 9043. \$8.00.** Contains five papers presented at a symposium during the 1989 annual meeting of the American Agricultural Economics Association in Baton Rouge, LA.

**Agricultural Statistics of the European Community, 1960-85**, by Michael Herlihy and others. 123 pp. January 1989. **Order # SB-770. \$8.00.** Presents a comprehensive database on the agricultural sector of the European Community.

**High-Value Products: Growing U.S. and EC Competition in World Markets**, by Ruth Elleson. 34 pp. April 1990. **Order # AGES 9022. \$8.00.** Compares U.S. and EC export shares during 1970-87, showing that the EC, the world's leading exporter of high-value products, has successfully competed against the United States.

**The Effects of the Common Agricultural Policy on the European Community Wheat-Washing Industry and Grain Trade**, by Dale J. Leuck. 26 pp. April 1990. **Order # AGES 9023. \$8.00.** Looks at the EC wheat-washing industry, which separates wheat flour into wheat gluten and wheat starch.

## Monographs

### Estimation and Evaluation of Economic Community

**Wheat Export Subsidies**, by Peter S. Liapis. 33 pp. November 1989. **Order # AGES 89-55. \$5.50.** Examines the relationship between the EC export subsidies and U.S. wheat export prices.

**USSR Agricultural Trade**, by Kathryn A. Zeimetz. 110 pp. August 1991. **Order # SB-808. \$11.00.** Provides an overview of factors affecting Soviet agricultural trade, emphasizing grain and soybean trade.

**Government Intervention In Soviet Agriculture: Estimates of Consumer and Producer Subsidy Equivalents**, by Edward C. Cook and others. 38 pp. August 1991. **Order # AGES 9146. \$8.00.** This study represents the first known application of the concept of PSE's and CSE's to the USSR. It analyzes the size of Soviet Government support programs in agriculture and the food economy.

**Efficiency and Growth in Agriculture: A Comparative Study of the Soviet Union, United States, Canada, and Finland**, by Robert B. Koopman. 48 pp. October 1989. **Order # AGES 89-54. \$5.50.** Shows the slow pace of technological innovation is the main reason for slow Soviet growth.

**Trade Liberalization in Yugoslavia and Poland**, by Nancy J. Cochrane. 48 pp. August 1990. **Order # AGES 9058. \$8.00.** Presents estimates of producer and consumer subsidy equivalents for Yugoslavia and Poland, using the Static World Policy Simulation framework developed by ERS.

**Agricultural Statistics of Eastern Europe and the Soviet Union, 1965-85**, by Nancy J. Cochrane. 129 pp. July 1989. **Order # SB-778. \$8.00.** Contains 110 tables with data on land use, farm structure, population, farm machinery, crop and livestock production, and more.

**Agricultural Performance in Eastern Europe, 1988**, by Nancy J. Cochrane and Miles J. Lambert. 27 pp. August 1989. **Order # AGES 89-38. \$5.50.** Finds that farm output in Eastern Europe stagnated in 1988, but agricultural trade balances improved in most countries.

**Risk Aversion Through Nontraditional Export Promotion Programs in Central America**, by Carlos Arnade and David Lee. 19 pp. December 1990. **Order # AGES 9074. \$8.00.** Discusses the growing importance of policies by Central American countries which promote nontraditional agricultural exports, such as avocados, broccoli, cantaloupes, cauliflower, cucumbers, limes, peppers, and strawberries.

**Effects of Imports on the Puerto Rican Livestock-Meat Industry**, by Lawrence A. Duewer and others. 60 pp. March 1989. **Order # AER-605. \$5.50.** Examines the Puerto Rican beef industry and discusses possible policy alternatives for addressing the industry's problems.

**The Mexican Wheat Market and Trade Prospects**, by Myles J. Mielke. 36 pp. September 1990. **Order # AGES 9052. \$8.00.** Analyzes and projects Mexican wheat supply and demand conditions in a liberalizing policy environment.

**Government Intervention in the Mexican Crop Sector**, by Myles J. Mielke. 20 pp. September 1989. **Order # AGES 89-40. \$5.50.** Models a 50-percent reduction in Mexico's producer price subsidies over 5 years to simulate a gradual lessening of government intervention.

**Government Intervention in Latin American Agriculture, 1982-87. NEW.** See page 7.

**Peru: An Export Market Profile**, by H. Christine Bolling. 74 pp. December 1989. **Order # AGES 89-53. \$8.00.** Identifies Peru as a potentially limited commercial market for U.S. farm commodities in the current economic climate.

**China's Interprovincial Grain Marketing and Import Demand**, by Nicholas R. Lardy. 51 pp. September 1990. **Order # AGES 9059. \$8.00.** Explores the possibility that China's grain import demand is a function of state policy on interprovincial grain marketing.

**Agricultural Trade Between Asia/Near East Countries and the United States, 1962-86**, by Daniel Timms and Mathew Shane. 139 pp. January 1989. **Order # SB-774. \$8.00.** Quantifies the bilateral trade between 21 Asian and Near East countries and the United States for 1962-86.

**Competition in East Asia's Agricultural Import Market**, by J. Albert Evans. 37 pp. May 1990. **Order # AGES 9040. \$8.00.** Examines trends in agricultural imports in Japan, Taiwan, Korea, and Hong Kong for 1962-86, using a market share approach to assess the competitive position of the United States and other major exporters.

**Government Intervention in Pakistan's Cotton Sector**, by Gary Ender. 53 pp. June 1990. **Order # AGES 9041. \$8.00.** Examines the cotton sector in Pakistan, detailing the technical and economic factors underlying recent trends in area, yield, and production.

**Government Intervention in Pakistan's Agricultural Economy**, by Gary Ender. 28 pp. April 1990. **Order # AGES 9027. \$8.00.** Uses producer and consumer subsidy equivalents to examine the nature of the Pakistani Government's interventions in the agricultural sector.

**Dairy Imports in Sub-Saharan Africa and the Welfare Implications of Import Policies**, by Shahla Shapouri and Stacey Rosen. 69 pp. August 1991. **Order # AGES 9142. \$11.00.** Examines the welfare effects of import policies and the factors affecting dairy imports in 39 countries in the region.

**Export Performance in Africa**, by Shahla Shapouri and Stacey Rosen. 40 pp. May 1989. **Order # AGES 89-16. \$5.50.** Focuses on Africa's export sector as the key to its economic recovery.

**Consumption Stability and the Potential Role of Food Aid in Africa**, by Stacey Rosen. 15 pp. June 1989. **Order # AGES 89-29. \$5.50.** Reports model projections for additional food aid needs in Africa in 1990 and 1995 for good and bad weather scenarios.

**Soil and Water Management in West Africa: An Economic Analysis**, by John C. Day. 10 pp. September 1989. **Order # AGES 89-35. \$3.00.** Uses soil-water balance relationships and a whole-farm modeling approach to estimate conservation benefits on a typical farm in Mali.

**Technology and Agricultural Productivity in the Sahel**, by Thomas S. Hayne and others. 27 pp. October 1989. **Order # AER-612. \$5.50.** Focuses on factors that have slowed technology transfer in the Sahel and identifies conditions necessary for transfer to occur more rapidly.

## Monographs

**Economic Performance and Policy Adjustment: The Experience of Zimbabwe**, by Shahla Shapouri and Margaret Missiaen. 48 pp. May 1991. **Order # AGES 9127. \$8.00.** Finds that Zimbabwe's future well-being will be determined by the rate of growth of the industrial countries and the flexibility of its own internal policy adjustments in achieving sustained economic expansion.

**Thailand's Feed and Livestock Industry to the Year 2000**, by Sara J. Schwartz and Douglas H. Brooks. 84 pp. March 1990. **Order # FAER-242. \$11.00.** Projects rice and poultry exports to the year 2000 under three scenarios of per capita income growth.

**Reducing Support Using Aggregate Measures, Case Study: Thailand**, by Douglas H. Brooks. 24 pp. July 1989. **Order # AGES 89-30. \$5.50.** Finds that Thailand's government support can be reduced by charging for irrigation and reimposing export taxes.

**Longrun Competitiveness of Australian Agriculture**, by Jerry Sharples and Nick Milham. 23 pp. December 1990. **Order # FAER-243. \$8.00.** Identifies domestic factors that made Australian agriculture competitive since the 1950's and those most likely to determine its future competitiveness in global markets.

**Targeting Australian Agricultural Policies for Trade Liberalization**, by B.G. Johnston. 17 pp. July 1990. **Order # AGES 9050. \$8.00.** Reviews the levels of assistance in Australia's agricultural sector during the 1980's and discusses how the recent reform initiatives have reduced them.

## GATT Reports

**How Level Is the Playing Field? An Economic Analysis of Agricultural Policy Reforms In Industrial Market Economies**, by Vernon Roningen. 39 pp. December 1989. **Order # FAER-239. \$5.50.** Focuses on how levels of assistance to agriculture compare across countries and commodity markets; how assistance to agriculture in industrial market economies (IME's) distorted world production and trade; and who would benefit from eliminating assistance to agriculture in IME's.

**GATT Trade Liberalization: The U.S. Proposal**, by Larry Deaton and others. 12 pp. March 1990. **Order # AIB-596. \$4.00.** Looks at the U.S. GATT proposal, which if implemented would raise world market prices, lower taxpayer costs, and in some key countries, significantly lower consumer prices.

**Bibliography of Research Supporting the Uruguay Round of the GATT**. 20 pp. December 1989. **Order # AGES 89-64. \$5.50.** Lists ERS research that might be useful in evaluating proposals for policy change now under negotiation at the GATT.

**A Short History of U.S. Agricultural Trade Negotiations**, by Jane M. Porter and Douglas E. Bowers. 12 pp. August 1989. **Order # AGES 89-23. \$5.50.** Summarizes U.S. farm trade negotiations from the beginnings of the GATT in 1947.

**Agriculture, Trade, and the GATT: A Glossary of Terms**, by Kathryn L. Lipton. 58 pp. June 1991. **Order # AIB-625. \$11.00.** A practical guide to terms associated with the negotiations on the General Agreement on Tariffs and Trade.

**Resource Policy Subsidies and the GATT Negotiations**, by John D. Sutton. 19 pp. August 1989. **Order # AER-616. \$5.50.** Looks at explicit and implicit producer subsidies for specific policies of major trading countries.

**Subsidy Equivalents: Yardsticks of Government Intervention In Agriculture for the GATT**, by Carl Mabbs-Zeno and Arthur Dommen. 9 pp. January 1989. **Order # AIB-558. \$3.00.** Discusses aggregate measures of support, such as producer and consumer subsidy equivalents, which may help negotiators of a new GATT attain common ground for reducing barriers to international trade.

**GATT & Agriculture: The Concepts of PSE's and CSE's**, by Carl Mabbs-Zeno. 23 pp. April 1989. **Order # MP-1468. \$5.50.** This illustrated booklet explains two measures of government intervention in agriculture: production subsidy equivalents and consumer subsidy equivalents.

**Government Intervention In Agriculture: A Regulatory Approach**, by David W. Skully. 32 pp. May 1990. **Order # AGES 9039. \$8.00.** Examines the behavior of public agents creating and administering policies to transfer rent among domestic economic interest groups.

**U.S. Adjustment in the 1990's: A CGE Analysis of Alternative Trade Strategies**, by Kenneth Hanson and others. 32 pp. May 1990. **Order # AGES 9031. \$8.00.** Investigates the implications for the structure of the U.S. economy of a reduction in the U.S. trade deficit.

## Global Commodity Reports

*The following reports describe global commodity markets and policies, evaluate consequences of Government intervention in agricultural markets, and discuss the implications of global policy reform.*

**The World Wheat Market—Government Intervention and Multilateral Policy Reform**, by Joy L. Harwood and Kenneth W. Bailey. 113 pp. January 1990. **Order # AGES 9007. \$11.00.**

**The World Poultry Market—Government Intervention and Multilateral Policy Reform**, by Robert V. Bishop and others. 52 pp. March 1990. **Order # AGES 9019. \$11.00.**

**The World Coarse Grain Market—Government Intervention and Multilateral Policy Reform**, by Bengt Hyberg and others. 101 pp. February 1990. **Order # AGES 9017. \$11.00.**

**The World Pork Market—Government Intervention and Multilateral Policy Reform**, by Shayle D. Shagam. 66 pp. April 1990. **Order # AGES 9025. \$11.00.**

**The World Tobacco Market—Government Intervention and Multilateral Policy Reform**, by Verner N. Grise. 65 pp. February 1990. **Order # AGES 9014. \$11.00.**

**World Oilseed Markets—Government Intervention and Multilateral Policy Reform**, by Thomas W. Bickerton and Joseph W. Glauber. 82 pp. March 1990. **Order # AGES 9021. \$11.00.**

# Monographs

**The World Market in Fresh Fruit and Vegetables, Wine, and Tropical Beverages—Government Intervention and Multilateral Policy Reform**, by Katharine C. Buckley. 113 pp. September 1990. Order # AGES 9057. \$11.00.

**The World Rice Market—Government Intervention and Multilateral Policy Reform**, by Nathan W. Childs. 63 pp. September 1990. Order # AGES 9060. \$11.00.

**The World Sugar Market—Government Intervention and Multilateral Policy Reform**, by Ron Lord and Robert D. Barry. 70 pp. September 1990. Order # AGES 9062. \$11.00.

**The World Dairy Market—Government Intervention and Multilateral Policy Reform**, by Donald Blayney and Richard Fallert. 76 pp. August 1990. Order # AGES 9053. \$11.00.

**The World Beef Market—Government Intervention and Multilateral Policy Reform**, by William F. Hahn and others. 68 pp. August 1990. Order # AGES 9051. \$11.00.

## Other

**Direct Comparison of General Equilibrium and Partial Equilibrium in Agriculture**. NEW. See page 7.

**Economics and Public Service: Proceedings of the 30th Anniversary ERS Conference**. 170 pp. July 1991. Order # AGES 9138. \$14.00. Contains the proceedings of ERS' 30th anniversary conference held April 4, 1991. Speakers included former Secretaries of Agriculture Freeman and Lyng.

**The Journal of Agricultural Economics Research: Essays Supplement**, ed. by Gene Wunderlich. 51 pp. July 1991. Order # AGES 9139. \$8.00. This periodical supplement gathers JAER's essay series of 10 contributions under one cover. The essays provide 10 perspectives about purposes, mechanisms, and successes of agricultural economics.

**Economic Well-Being and Household Size: Alternative Ways of Analyzing Demographic Information on Households**, by James R. Blaylock and William N. Blisard. 8 pp. November 1990. Order # AER-640. \$4.00. Explores procedures for adjusting household income to compare welfare across different-size households.

**Storage Subsidy Programs**. 47 pp. December 1990. Order # AGES 9075. \$8.00. Compares expected results of generic single-year storage subsidy programs versus no storage subsidy programs and the current Farmer-Owned Reserve (FOR).

**Federal Forecasters Conference 1990: Proceedings**, ed. by Karen S. Hamrick. 133 pp. March 1991. Order # AGES 9109. \$11.00. Proceedings of the third annual Federal Forecasters Conference held September 6, 1990. Contains presentations on various forecasting techniques and on forecasting activity around the Federal Government.

**Chronological Landmarks in American Agriculture**, by Maryanna S. Smith, and Dennis M. Roth. 106 pp. November 1990. Order # AIB-425. \$11.00. Lists major events in the history of U.S. agriculture, including key inventions, laws, changes in land policies, individual contributions, institutional developments, and the introduction of new types of crops and livestock. This edition is an update of a 1980 publication.

**Correcting for Nonresponse in Transition Matrices Calculated from Longitudinal Data**, by R. Neal Peterson and Fred Gale. 12 pp. March 1991. Order # AGES 9113. \$4.00. Reports on a method that logically corrects for nonresponse in transition matrices that are calculated from longitudinal data.

**Endogenous Technological Change in U.S. Agriculture: A Direct Test of the Induced Innovation Hypothesis**, by George B. Frisvold. 28 pp. May 1991. Order # TB-1790. \$8.00. Presents a theoretical model of agricultural production and public research budget allocation to test the induced innovation hypothesis.

**Methodologies for Comparisons of Agricultural Output, Input, and Productivity: A Review and Synthesis**, by Susan Capalbo and others. 48 pp. April 1991. Order # AGES 9122. \$8.00. Surveys the methodologies for determining productivity comparisons, highlighting the link between the growth accounting (index) approaches and the econometric approaches.

**A Simple Empirical Model of Macroeconomic Effects on Agriculture: An Asset Market Approach**, by John Kitchen. 20 pp. May 1989. Order # AGES 89-21. \$5.50. Shows effects of alternative monetary and agricultural situations on farm prices, cash receipts, and land values.

**Asymmetric Price Interactions in Pork and Beef Markets**, by William F. Hahn. 22 pp. December 1989. Order # TB-1769. \$5.50. The model in this report shows that pork and beef prices tend to increase faster than they decrease.

**Capital Accumulation and Asset Pricing in U.S. Agriculture**, by Utpal Vasavada and Agapi Somwaru. 20 pp. February 1990. Order # TB-1771. \$4.00. Investigates the relationship between asset prices and asset returns for 1931-86.

**Regional Trends and Spatial Characteristics of U.S. Supply and Demand for Farm Output**, by J.R. Bacon and others. 48 pp. June 1989. Order # AGES 89-25. \$5.50. Analyzes the regional trends of U.S. food and nonfood production and consumption over the past 35 years.

**The USDA/ERS Computable General Equilibrium (CGE) Model of the United States**, by Sherman Robinson and others. 78 pp. June 1990. Order # AGES 9049. \$11.00. Documents the basic Computable General Equilibrium model of the U.S. economy developed by ERS.

**Alternative Opportunities in Agriculture: Expanding Output Diversification**, by Michael R. Dicks and Katharine C. Buckley. 28 pp. May 1990. Order # AER-633. \$8.00. Finds that developing new crops or products could raise farm income and reduce government subsidies, the trade deficit, and the potentially adverse environmental effects of farm production.

**A Single Equation Approach to Estimating Nonstationary Markov Matrices: The Case of U.S. Agriculture, 1974-78**, by R. Neal Peterson. 28 pp. August 1990. Order # TB-1781. \$8.00. Develops an original method, using Markov analysis and regression analysis, for analyzing the effect of different economic/demographic variables on the rates with which farms change from one sales class to another.

## Monographs

**1990 Agricultural Chartbook.** 120 pp. April 1990. Order AH-689. \$11.00. Contains more than 300 charts on subjects, ranging from U.S. exports to foreign farm output, broilers to vegetables, food prices to consumption trends, and more.

### Major Statistical Series

Now available from ERS-NASS: the 12-volume set of *Major Statistical Series of the U.S. Department of Agriculture*. Each volume describes the concepts and data underlying a specific USDA statistical series. Order # AH-MSS. \$25.00.

**Vol. 1: Agricultural Prices, Expenditures, Farm Employment, and Wages.** 32 pp.

**Vol. 2: Agricultural Production and Efficiency.** 44 pp.

**Vol. 3: Farm Income.** 45 pp.

**Vol. 4: Agricultural Marketing Costs and Charges.** 35 pp.

**Vol. 5: Consumption and Utilization of Agricultural Products.** 44 pp.

**Vol. 6: Land Values and Land Use.** 19 pp.

**Vol. 7: Crop and Livestock Estimates.** 28 pp.

**Vol. 8: Farmer Cooperatives.** 16 pp.

**Vol. 9: Market News.** 44 pp.

**Vol. 10: International Agricultural Statistics.** 21 pp.

**Vol. 11: The Balance Sheet.** 20 pp.

**Vol. 12: Costs of Production.** 15 pp.

### Special Packages

The following special packages offer you some of our most popular reports at a considerable savings. Get the economic analysis and statistics you need or complete your collection of USDA economic agency titles. This offer is good only while supplies last. Descriptions of individual reports are elsewhere in this catalog. Call 1-800-999-6779 today.

**Fertilizer PKG-1.** Includes two reports: *Fertilizer Use and Price Statistics, 1960-88*, and *Fertilizer Trade Statistics, 1970-88*. A \$13.50 value for \$10.00. Order # PKG-1. \$10.00.

**Nonmetro Development PKG-2.** Includes *Survival and Growth of Independent Firms in Metro and Nonmetro America* and *The Importance of Transfer Payments in Nonmetro America*. An \$11 value for \$8.00. Order PKG-2. \$8.00.

**Irrigation PKG-3.** Includes *Water Conservation Through Irrigation Technology and Agricultural Use of Federally Supplied Irrigation Water, 1979-86*. An \$11 value for \$8.00. Order PKG-3. \$8.00.

**Ethanol PKG-4.** Includes *Ethanol and U.S. Agriculture and Economics of Ethanol Production in the United States*. An \$8.50 value for \$6.25. Order PKG-4. \$6.25.

**Soil Conservation PKG-5.** Includes *Investments in Soil Conservation and Land Improvements: Factors Explaining Farmers' Decisions and Productivity and Erodibility of U.S. Cropland*. An \$11 value for \$8.00. Order # PKG-5. \$8.00.

**Background Papers PKG-6.** Includes all recent ERS commodity background papers. Each report summarizes in nontechnical form the experience with various farm programs and the key characteristics of the commodities and the farm industries which produce them. Titles you will receive: *U.S. Feed Grains, Food Grains, Soybeans and Peanuts, Cotton, Wool and Mohair, Honey, Tobacco, Dairy, Sugar, and Agricultural Export Programs*. A \$96 value for just \$45.00. Order # PKG-6. \$45.00.

**AAEA Award Winners PKG-7.** Consists of: *The Basic Mechanisms of Japanese Farm Policy*, *The Basic Mechanisms of European Community (EC) Farm Policy*, *Multilateral Trade Reform: What the GATT Negotiations Mean to U.S. Agriculture* (short form); and *Multilateral Trade Reform: What the GATT Negotiations Mean to U.S. Agriculture* (long form). Order # PKG-7. \$16.50.

**Outlook '92 Publications PKG-8.** Contains both the *Outlook '92 Chartbook* and the *Outlook '92 Proceedings*. Available spring 1992. Order # PKG-8. \$25.00.

**SWOPSIM PKG-9.** Contains *Elasticities in the Trade Liberalization Database*; *Joint Products in the Static World Policy Simulation (SWOPSIM) Modeling Framework*; *Using Producer and Consumer Subsidy Equivalents in the SWOPSIM Modeling Framework*; *Economic Welfare Analysis: An Application to the SWOPSIM Modeling Framework*; *Economic Implications of Agricultural Policy Reforms in Industrial Market Economies*; *Overview of the Static World Policy Simulation (SWOPSIM) Modeling Framework*; and *Documentation of the Static World Policy Simulation (SWOPSIM) Modeling Framework*. Order # PKG-9. \$25.00.

**Food Consumption, Prices, and Expenditures, 1968-89 Report and Data Product.** The perennial ERS bestseller, now available in two forms—the report and the electronic data product—is pulled together for you for one low package price. Order # 91PK01A (report and four 5.25" disks), \$49.50. Order # 91PK01B (report and one 3.5" disk), \$27.00.

# ERS-NASS Electronic Data Products

For further information on the data included in these products, please contact the subject-area specialists identified with each database. Data products are shipped in the formats specified on DOS-compatible 5.25", 360KB or 3.5", 1.44MB diskettes or on unlabeled, 9-track, 6250 b.p.i. magnetic tapes as appropriate. Dates in parentheses reflect the last update of the databases available. NOTE: **Electronic data products are not returnable.** Please order by number using the attached order form or call the ERS-NASS order desk at 1-800-999-6779 (8:30 - 5:00 Eastern Time), in the United States or Canada. Other areas, please call 301-725-7937. Thank you.

Data Products	Page
New Releases .....	29
Recently Revised .....	30
Crops .....	30
Livestock, Dairy, & Poultry .....	30
Specialty Agriculture .....	31
Food .....	31
Inputs .....	32
Land, Water, & Conservation .....	32
Farm Sector Economics .....	33
Rural Affairs .....	33
Trade .....	33
International Agriculture .....	34
General Interest .....	36
Data Sharing .....	36

## New Releases

**Beef Packer Cost Analyzer.** PACKER is a microcomputer program designed to analyze operating costs for six sizes of beef packing and fabricating plants for five levels of operating output. PACKER tabulates total costs as well as costs by each of 20 operating stages and by accounts and subaccounts. NOTE: Requires a PC or compatible computer with BASIC or BASICA. Lawrence Duewer, ERS, 202-219-0712. [One 5.25" disk], (9/91). Order # 91012 \$25

**Farm Sector Balance Sheet.** U.S. and State data, 1960-89, on farm assets, real estate and nonreal estate debt, equity, total claims, and debt-to-asset ratios (including operator households). Data on farm real estate and nonreal estate debt by type of lender are included. Ken Erickson, ERS, 202-219-0798. [Lotus 1-2-3 (.WK1), one 3.5" disk], (7/91). Order # 91013 \$25

**U.S. Vegetable and Melon Production.** Characteristics of farms and farm operators, by value of total crop sales, for farms reporting production of 57 vegetables and melons in the 1987 Census of Agriculture. These special tabulations from the Census data show, for each commodity, number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. U.S., regional, and State data are included. Doyle Johnson, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), 3.5" disks], (9/91).

Order #91014A Sweet corn, snap beans, \$65  
broccoli, etc. (5 disks)  
Order # 91014B Leafy green vegetables (5 disks) \$65  
Order # 91014C Potatoes and root vegetables \$65  
(5 disks)

Order # 91014D	Tomatoes, peppers, and cucumbers (5 disks)	\$65
Order # 91014E	Melons (2 disks)	\$35
Order # 91014F	Dry beans and peas (3 disks)	\$45

**U.S. Fruit, Nut, and Berry Production.** Characteristics of farms and farm operators, by value of total crop sales, for farms reporting production of 51 fruits, nuts, and berries in the 1987 Census of Agriculture. These special tabulations from the Census data show, for each commodity, number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. U.S., regional, and State data are included. Doyle Johnson, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), 3.5" disks], (9/91).

Order # 91015A	Tree fruits (6 disks)	\$75
Order #91015B	Subtropical fruits (1 disk)	\$25
Order # 91015C	Citrus fruits (1 disk)	\$25
Order # 91015D	Tree nuts (1 disk)	\$25
Order # 91015E	Berries (3 disks)	\$45

**U.S. Greenhouse and Nursery Production.** Characteristics of farms and farm operators, by value of total crop sales, for farms reporting production of seven greenhouse and nursery crops in the 1987 Census of Agriculture. These special tabulations from the Census data show, for each commodity, number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. U.S., regional, and State data are included. Doyle Johnson, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), seven 3.5" disks], (9/91).

Order # 91016 \$85

**WATI/TS-VIEW.** This menu-driven software system displays time series graphs for 1961-89 of the crop, livestock, trade, and macroeconomic indicators in the *World Agriculture: Trends and Indicators* system. Data are included for the world, 14 geographic regions, EC-12, and 142 individual countries. The program fits regression trendlines, displays tables of the data, and downloads subsets of the data in spreadsheet-readable files. A 20-page manual is included.

**NOTE:** WATI/TS-VIEW is shipped in archived files that expand to 4.7 MB upon installation. The program requires an IBM or compatible personal computer, MS-DOS or PC-DOS, 330 KB of available RAM, and at least 650 KB of hard disk storage. Graphics support is provided for VGA, EGS, MCGA, CGA, and Hercules monochrome hardware. Francis Urban, Tamara Karas, or Phil Brent, ERS, 202-219-0705. [Three 3.5" disks], (8/91).

Order # 91017 \$45

## Data Products

**High-Value Export Indexes.** Value-weighted quantity indexes of exports of food, feed, tobacco, and 24 product/commodity classes. Indexes are reported for the world, 7 economic development groups, 13 geographic regions, and 149 countries for 1961-86. Larry Traub, ERS, 202-219-0716. [Lotus 1-2-3 (.WK1), two 3.5" disks], (8/91). Order # 91018 \$35

**Farm Sector Balance Sheet by Sales Class.** U.S. and State data (including farm households) on farm assets, real estate and nonreal estate debt, equity, total claims, and debt-to-asset ratios by sales class, 1960-89. Similar data excluding farm households are included for 1974-89. Kenneth Erickson, ERS, 202-219-0798. [Lotus 1-2-3 (.WK1), one 3.5" disk], (11/91). Order # 92003 \$25

### Recently Revised

**Farm Real Estate Values.** U.S. and State data on the value of land and buildings per acre and per farm, and real estate debt and taxes by year, 1950-91. John Jones, ERS, 202-219-0428. [Lotus 1-2-3 (.WK1), one 5.25" disk], (9/91). Order # 86010 \$25

**Fertilizer Use and Price Statistics.** U.S. fertilizer use and prices and nutrients applied per acre for major farm States, 1964-90, for corn, cotton, soybeans, and wheat. Harold Taylor, ERS, 202-219-0464. [Lotus 1-2-3 (.WK1), one 5.25" disk], (9/91). Order # 86012 \$25

**Farm Machinery Statistics.** Annual and monthly data, 1944-90, on U.S. production, shipments, industry and farm inventories, farm expenditures, and other financial information. Marlow Vesterby, ERS, 202-219-0422. [Lotus 1-2-3 (.WKS), two 5.25" disks], (9/91). Order # 86016 \$35

**Rice Yearbook.** U.S. rice production, supply, disappearance, trade, and price data, 1970-90. Includes State acreage, yield, and production data; U.S. and world price series; and price support program statistics. Janet Livezey, ERS, 202-219-0840. [Lotus 1-2-3 (.WK1), one 5.25" disk], (9/91). Order # 89001 \$25

**Oil Crops Yearbook.** Oilseed, oilmeal, and fats and oils supply and use statistics, 1965-91. Includes oilseed acreage, yield, and production estimates as well as farm and wholesale price series. James Schaub, ERS, 202-219-0840. [Lotus 1-2-3 (.WK1), one 3.5" disk], (9/91). Order # 89002 \$25

**Sugar and Sweetener Yearbook.** U.S. and world data, 1975-90, on acreage, yield, and production of sugar crops; production, trade, supply and use, and prices for sugar; and supply and use data for caloric and non-caloric sweeteners. Peter Buzzanell, ERS, 202-219-0886. [Lotus 1-2-3 (.WK1), one 3.5" disk], (10/91). Order # 89019 \$35

**Dairy Yearbook.** Annual data on the production, supply, and use of milk and manufacturing dairy products, 1965-90. Also includes wholesale and retail price indexes, prices received by farmers, milk production costs, and data on regional shares of U.S. milk production. Sara Short, ERS, 202-219-0769. [Lotus 1-2-3 (.WK1), one 5.25" disk], (9/91). Order # 89032 \$25

### Crops

**Feed Grain Data by States, 1949-86.** Acreage planted and harvested, yield, production, quantity used on farms and sold, season average price, value of production, and value of sales for corn, grain sorghum, oats, and barley. Letricia Womack, ERS, 202-219-0689. [Lotus 1-2-3 (.WKS), four 5.25" disks], (7/87). Order # 87013 \$55

**Feed Grain Yearbook.** U.S. feed grain acreage, production, supply, trade, use, and prices for 1950-90. Also includes data for hay and feedstuffs. Larry Van Meir, ERS, 202-219-0840. [Lotus 1-2-3 (.WK1), three 5.25" disks], (3/91). Order # 88007 \$45

**Wheat Yearbook.** U.S. wheat acreage, production, supply, trade, use, and prices for 1960-90. Includes data for wheat flour and rye. Ed Allen, ERS, 202-219-0840. [Lotus 1-2-3 (.WK1), three 5.25" disks], (3/91). Order # 88008 \$45

**Cotton & Wool Yearbook.** U.S. cotton and wool production, supply, use, trade, and price statistics, 1960-90. Includes domestic and world price series and indexes; State cotton acreage, yield, and production data; and conversions of U.S. textile imports and exports to raw fiber equivalents. Bob Skinner, ERS, 202-219-0840. [Lotus 1-2-3 (.WK1), one 5.25" disk], (10/90). Order # 89004 \$25

**Feed Manufacturing.** Extensive State and regional data for 1984 on the livestock feed manufacturing industry, including location, capacity, employment, and form of ownership as well as data on feed production and ingredient use. Mark Ash, ERS, 202-219-0840. [Lotus 1-2-3 (.WK1), four 5.25" disks], (10/88). Order # 89005 \$55

**State-Level Wheat Statistics.** U.S. and State data, 1948-88, on wheat acreage, yield, and production; quantity used on farm where produced; quantity sold; season average price received by farmers; and values of production and sales. Suchada Langley, ERS, 202-219-0689. [Lotus 1-2-3 (.WK1), two 5.25" disks], (3/89). Order # 89016 \$35

**Costs of Production, 1975-89.** National and regional costs of production for 11 major field crops, including feed grains, wheat, rice, oilseeds, cotton, sugarbeets, and sugarcane. Robert Dismukes, ERS, 202-219-0801. [Lotus 1-2-3 (.WK1), one 3.5" disk], (4/91). Order # 89025 \$25

### Livestock, Dairy, & Poultry

**U.S. Broiler Industry.** Comprehensive data on the broiler industry including data on consumption, prices, and demand; production; processing; and marketing. Most data series cover 1965-87. Lee Christensen, ERS, 202-219-0714. [Lotus 1-2-3 (.WK1), one 5.25" disk], (10/88). Order # 89006 \$25

**Poultry and Egg Statistics.** Monthly and annual data, 1960-89, on production, supply, disappearance, prices, and

## Data Products

costs for eggs, broilers, other chickens, and turkeys. Lee Christensen, ERS, 202-219-0714. [Lotus 1-2-3 (.WK1)], (7/90).  
**Order # 89007A** (Ten 5.25" disks) **\$115**  
**Order # 89007B** (Three 3.5" disks) **\$45**

**Livestock and Dairy Costs of Production.** U.S. and regional production costs for milk, 1985-89, and for fed cattle, sheep, beef cow-calf, hog farrow-to-finish, feeder pig production, and feeder pig finishing enterprises, 1972-89. U.S. data are also shown by size of operation. Hosein Shapouri, ERS, 202-219-0770. [Lotus 1-2-3 (.WK1), three 5.25" disks], (7/90).

**Order # 90002** **\$45**

**Price Spreads for Beef and Pork.** Monthly data, 1970-90, on farm-to-retail price spreads for beef and pork. Also includes farm-to-carcass and carcass-to-retail spreads and retail prices. Lawrence Duewer, ERS, 202-219-0712. [Lotus 1-2-3 (.WK1), one 5.25" disk], (2/91).

**Order # 90006** **\$25**

**U.S. Live Cattle Imports.** Monthly data, 1970-90, on imports from Mexico and Canada by weight class and breeding animals by type. Data are arranged by tariff schedule classification, quantity, and value. Linda Bailey or Shayle Shagam, ERS, 202-219-0714. [Lotus 1-2-3 (.WK1), two 5.25" disks], (4/91).

**Order # 91007** **\$35**

## Specialty Agriculture

**Dry Beans & Peas.** Production and acreage data, 1970-88; monthly imports, exports, and weekly price data for 1981-88. Gary Lucier, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), three 5.25" disks], (11/90).

**Order # 86003** **\$45**

**Fresh Fruit Prices and Marketing Spreads.** Retail values, wholesale and shipping point prices, transportation charges, and market price spreads for eight fresh fruits. Marketing season monthly data for 1985-90. Joan Pearrow, ERS, 202-219-0883. [Lotus 1-2-3 (.WK1), two 5.25" disks], (2/91).

**Order # 88002** **\$35**

**Fresh Vegetable Prices & Marketing Spreads, 1985-90.** Monthly and seasonal prices, spreads, and transportation charges for 11 vegetables sold in the Northeast, North Central, South, and West marketing regions, and in New York City and Baltimore starting with the 1984-85 marketing season. Joan Pearrow, ERS, 202-219-0883. [Lotus 1-2-3 (.WK1), two 5.25" disks], (2/91).

**Order # 88009** **\$35**

**Plant Protection & Quarantine Import Data.** U.S. imports of fresh fruit and vegetables under the Plant Quarantine and Inspection Program (PQ280) of APHIS. Includes monthly and annual data by commodity and by country of origin and port of entry for 1983-88. Joan Pearrow, ERS, 202-219-0883. [ASCII, two 3.5" disks], (7/91).

**Order # 88011** **\$35**

**Vegetable Yearbook.** Production, acreage, value, prices, imports, exports, and per capita utilization for major fresh market and processed vegetables, 1970-90. Also includes

data for potatoes, sweetpotatoes, dry beans and peas, and fresh and processed mushrooms. Gary Lucier, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), three 5.25" disks], (11/90).

**Order # 89011** **\$45**

**Tobacco Industry.** Production, supply, trade, disappearance, and prices for tobacco and tobacco products, 1950-87. Includes acreage, yield, and production by type, 1950-87, and selected data on world production and trade. Verner Grise, ERS, 202-219-0890. [Lotus 1-2-3 (.WK1), one 5.25" disk], (3/89).

**Order # 89018** **\$25**

**Fruit and Nut Yearbook.** Annual data, 1970-89, on production, trade, supply and utilization, prices, and value of production for fruit and nuts including citrus, other tree fruits, grapes, and other small fruits. Also includes data on supply and utilization of processed fruit and fruit juices. Wynnice Napper, ERS, 202-219-0885, [Lotus 1-2-3 (.WK1), four 5.25" disks], (10/90).

**Order # 89022** **\$55**

**U.S. Watermelon Industry.** Includes time series data on U.S. and State acreage, yield, production, prices and value; per capita consumption; U.S. trade; world production and trade; and other data on truck freight charges, irrigation, and characteristics of watermelon farms. Gary Lucier, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), two 5.25" disks], (4/91).

**Order # 89029** **\$35**

**Greenhouse and Nursery Statistics, 1960-88.** A comprehensive database covering production, supply, consumption, prices, and sales of floricultural and environmental horticultural products. Includes U.S. and State data and world trade data. Doyle Johnson, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1)], (7/90).

**Order # 90024A** (Seven 5.25" disks) **\$85**

**Order # 90024B** (Two 3.5" disks) **\$35**

**Sugar Statistical Compendium.** A comprehensive database of U.S. beet and cane sugar statistics including sugar production and consumption, 1950-90; imports and exports, 1970-90; and prices 1960-90. Also includes regional and State data on sugarbeet, sugarcane, and sugar production, 1970-90. Peter Buzzanell or William Moore, ERS, 202-219-0886. [Lotus 1-2-3, (.WK1), one 3.5" disk], (10/91).

**Order # 91006** **\$25**

**Potato Statistics.** U.S. and State data, 1949-89, on potato acreage, production, value, and use. Also includes U.S. data on prices, price spreads, and consumer and producer price indexes; stocks of fresh and processed potatoes; and trade in potatoes and potato products. Gary Lucier, ERS, 202-219-0884. [Lotus 1-2-3 (.WK1), two 3.5" disks], (6/91).

**Order # 91011** **\$35**

## Food

**Food, Beverages, and Tobacco Expenditures.** U.S. and 46 countries, 1970-88; also gross domestic product, disposable personal income, consumption expenditures, and net savings. Larry Traub, ERS, 202-219-0705. [Lotus 1-2-3 (.WK1)], (4/91).

**Order # 86014A** (Seven 5.25" disks) **\$85**

**Order # 86014B** (Two 3.5" disks) **\$35**

## Data Products

**Food Consumption.** Per capita food consumption by commodity and commodity group, 1966-89; supply and use by commodity and commodity group, 1966-89; and food expenditures, 1869-1990. Judith Putnam, ERS, 202-219-0870. [Lotus 1-2-3 (.WK1)], (5/91).  
**Order # 89015A** (Four 5.25" disks) \$55  
**Order # 89015B** (One 3.5" disk) \$25

**Food Spending in American Households, 1980-88.** Detailed data on household food expenditures by major food groups and by household demographic characteristics. Includes data on food price trends and percent of households purchasing selected food items in a week. David Smallwood, ERS, 202-219-0864. [Lotus 1-2-3 (.WK1)], (4/91).

**Order # 90005A** (Four 5.25" disks) \$55  
**Order # 90005B** (Two 3.5" disks) \$35

**Americans and Food.** This computer quiz contains 54 questions and answers on food-related topics ranging from fish consumption to fast food. The easy-to-understand questions and answers make the quiz an excellent teaching tool and presentation aid. **NOTE:** Requires MS/PC-DOS Version 3.2 or 3.3 and 640 KB of memory. Kathryn Lipton, ERS, 202-219-0880. [One 5.25" disk], (1/91).

**Order # 91002A** 1 copy \$25  
**Order # 91002B** 10 copies \$40  
**Order # 91002C** 50 copies \$75

**U.S. Food Expenditures.** Annual data, 1869-1989, on total expenditures for food and alcoholic beverages. Includes series on food expenditures for food away from home, at retail stores and other establishments, and by type of income. Alden Manchester, ERS, 202-219-0880. [Lotus 1-2-3 (.WK1), one 5.25" disk], (1/91).

**Order # 91003** \$25

**World Red Meat and Poultry Consumption.** Annual data, 1975-91, on beef and veal, pork, lamb, mutton, goat, and total poultry consumption, total and per capita, for selected countries and regions. Linda Bailey or Shayle Shagam, ERS, 202-219-0714. [Lotus 1-2-3 (.WK1), one 5.25" disk], (1/91).

**Order # 91004** \$25

## Inputs

**Farm Employment and Wage Rates.** U.S. and State/regional statistics on number of workers, average hours worked, and wage rates 1974-90. State/regional wage rates by quarter are shown for 1974-90 and wage rates by economic class and type of farm are included for 1987-90. Tom Kurtz, NASS, 202-720-3228. [Lotus 1-2-3 (.WK1), two 3.5" disks], (5/91).  
**Order # 91005Z** \$35

**Agricultural Chemical Usage: 1990 Field Crops.** State, regional, and U.S. fertilizer and pesticide use data for corn, soybeans, cotton, rice, wheat, and fall potatoes. Includes pesticide use by active ingredient, application rates, and acres treated. Ron Tauchen, NASS, 202-690-3461. [Lotus 1-2-3 (.WK1), one 5.25" disk], (6/91).

**Order # 91009Z** \$25

## Land, Water, & Conservation

**Value of Land & Buildings Per Acre.** County and State data from the Census of Agriculture, 1850-1987. John Jones, ERS, 202-219-0428. [Lotus 1-2-3 (.WK1), three 5.25" disks], (10/89).

**Order # 87012** \$45

**Farm and Ranch Irrigation, 1984.** Tables 1 through 23 from the related Census report on water sources and use, irrigation technology, and expenditures. John Hostetler, ERS, 202-219-0410. [Lotus 1-2-3 (.WK1), two 5.25" disks], (8/86).

**Order # 87014** \$35

**Foreign-owned Agricultural Land.** Foreign investment by States and counties as of December 31, 1990. Includes data from over 13,000 reports filed under the Alien Foreign Investment Disclosure Act of 1978. J. Peter DeBraal, ERS, 202-219-0425. [EBCDIC, 1 tape], (3/91).

**Order # 87015** \$130

**Dynamics of Land Use Change, 1960's.** Paired sample point data of land use change in 53 fast population growth counties in the United States. Data cover 12 major land uses including agricultural and urban. Marlow Vesterby, ERS, 202-219-0422. [Lotus 1-2-3 (.WK1), two 5.25" disks], (5/88).  
**Order # 88017** \$35

**Land Use Change, 1970's.** Paired sample point data of land use change in 135 fast population growth, 36 cropland loss, and 20 cropland gain counties in the United States. Data cover 15 major land uses including agricultural, forest, urban, and wetlands. Marlow Vesterby, ERS, 202-219-0422. [dBase III, 5.25" disks], (7/88).

**Order # 88018A** North & East (1 disk) \$25  
**Order # 88018B** Southeast (2 disks) \$35  
**Order # 88018C** West (3 disks) \$45  
**Order # 88018D** Pacific (3 disks) \$45

**Major Land Uses.** State, regional, and national estimates of 15 major land uses including cropland, pasture and grazing, forest, and urban uses for Census of Agriculture years between 1945 and 1987. Ken Krupa/Arthur Daugherty, ERS, 202-219-0422. [Lotus 1-2-3 (.WK1), one 5.25" disk], (11/90).  
**Order # 89003** \$25

**Irrigation Production Data System.** A comprehensive analysis system for irrigated and dryland crop production by State and farm production region. Includes data for 11 crops on acreage, yield, price, input use, costs, returns, and breakeven statistics. **NOTE:** Requires 30 MB disk storage and 1.5 MB total memory. Glenn Schaible, ERS, 202-219-0410. [Lotus 1-2-3 (.WK1), three 3.5" disks], (4/89).  
**Order # 89023** \$45

**Conservation Reserve Program Statistics.** Number of contracts and acres enrolled by fiscal year 1986-89 and signup period 1-9. Includes average rental rates, acres enrolled by level of erosion, conservation treatments applied, and cost share data. Tim Osborn, ERS, 202-219-0403. [ASCII, Five 5.25" disks], (9/90).  
**Order # 89031** \$65

## Data Products

**Production and Efficiency Statistics.** U.S. and State indexes of farm input use, production, and efficiency by enterprise group, 1947-89. Includes data on cropland used for crops, farm machinery and tractor use, fertilizer use, labor use, and crop acreages harvested. James Hauver, ERS, 202-219-0313. [Lotus 1-2-3 (.WK1), two 5.25" disks], (4/91). **Order # 89026** \$35

**Agricultural Water Use.** Statistics on agricultural use of federally supplied irrigation water, by crop and region, for 1979-86. Data are reported for Bureau of Reclamation lands receiving full and supplemental water service include net water supply, water deliveries, acreage irrigated, and acres irrigated by drip, sprinkler, and gravity systems. Michael Moore, ERS, 202-219-0410. [Lotus 1-2-3 (.WK1), one 5.25" disk], (11/89).

**Order # 90001** \$25

**Soil Depletion Estimates Model.** This model computes comparisons of shortrun and longrun impacts on erosion and economic returns from alternative resource management systems. The user may specify site-specific soil characteristics, tillage practices, and cropping systems.

**NOTE:** Requires DOS 2.10 or higher and a math co-processor. Leonard Bull, ERS, 202-219-0456. [One 5.25" disk], (12/89).

**Order # 90004** \$25

**Cash Rents for U.S. Farmland.** Cash rents per acre for farms, cropland, and pasture (Eastern States, 1960-89), and cash rents per acre for irrigated cropland, nonirrigated cropland, and pasture (Western States, 1984-89). Cattle grazing rates on privately owned nonirrigated land for the 17 Western States, 1960-88, are included. John Jones, ERS, 202-219-0428. [Lotus 1-2-3 (.WK1), one 5.25" disk], (9/90).

**Order # 90025** \$25

### Farm Sector Economics

**National Financial Summary, 1945-89.** Includes farm income, cash receipts by components, production expenses, capital expenditures, off-farm income, nonmoney and farm-related income components. Includes U.S. balance sheet data, 1945-88, and related data on assets and debt. Linda Farmer, ERS, 202-219-0804. [Lotus 1-2-3 (.WK1)], (12/90).

**Order # 88010A** (Three 5.25" disks) \$45

**Order # 88010B** (One 3.5" disk) \$25

**State Financial Summary.** Includes State-level farm income and balance sheet accounts for 1985-89. Also includes cash receipts by commodity, government payments, and related data. Linda Farmer, ERS, 202-219-0804. [Lotus 1-2-3 (.WK1)], (1/91).

**Order # 88012A** (Eight 5.25" disks) \$95

**Order # 88012B** (Two 3.5" disks) \$35

**Cash Receipts.** State data on cash receipts for the 25 leading commodities, 1960-89. Includes State rankings by commodity. Bob Williams, ERS, 202-219-0804. [Lotus 1-2-3 (.WK1), one 3.5" disk], (6/91).

**Order # 89014** \$25

**U.S. Monthly Cash Receipts, 1960-87.** Monthly cash receipts data for 12 major commodity groups plus totals for crops, livestock and products, and all commodities. Bob Williams, ERS, 202-219-0804. [Lotus 1-2-3 (.WK1), one 5.25" disk], (3/90).

**Order # 90008** \$25

**U.S. Farm Income.** Historical farm income statistics, 1910-89. Reports gross and net farm income, net cash income, cash receipts, and related data. Cheryl Johnson, ERS, 202-219-0807. [Lotus 1-2-3 (.WK1), two 5.25" disks], (5/90).

**Order # 90022** \$35

**Structural Change in U.S. Agriculture.** Number of farms, land in farms, land use, farm income, and commodity sales tabulated by sales classes adjusted for inflation, 1969-82. Includes data for 14 States in three regions. Ralph Heimlich, ERS, 202-219-0422. [Lotus 1-2-3 (.WK1), two 5.25" disks], (5/90).

**Order # 90023** \$35

**Agricultural Commodity Output.** U.S. and State data for the 17 agricultural sectors of 1982 U.S. input-output accounts. These data are completely additive to the published national tables for the agricultural sector. William Edmondson, ERS, 202-219-0785. [Lotus 1-2-3 (Release 2 and Release 3), one 5.25" disk], (6/91).

**Order # 91008** \$25

### Rural Affairs

**Rural Development.** Extensive data on employment, income, labor force, and unemployment presented by metro and nonmetro portions of regions, States, and counties grouped by metro status and economic base. Martha Frederick, ERS, 202-219-0538. [Lotus 1-2-3 (.WK1)], (10/90).

**Order # 88013A** (Five 5.25" disks) \$65

**Order # 88013B** (Two 3.5" disks) \$35

**Geographic Distribution of Federal Funds, 1985.** Traces Federal funds to counties and States by program, type of payment, and function. Counties are identified by region, metro/nonmetro status, and social and economic characteristics. Rick Reeder, ERS, 202-219-0544. [EBCDIC, 1 tape], (9/88).

**Order # 88022** \$130

**Rural Public Water Systems.** Data from a recent report on public water supplies in rural communities; data are from a 1980 sample of 520 communities. Includes data on sources, testing, treatment, transmission, and distribution of public water supplies and finances of public water providers. Norman Reid, ERS, 202-219-0520. [Lotus 1-2-3 (.WK1), two 5.25" disks], (2/89).

**Order # 89013** \$35

### Trade

**PL480 & Other Concessional U.S. Exports.** Volume and value data, 1985-89, by commodity and country for agricultural exports under the Food for Peace and other food-aid programs. Mark Smith, ERS, 202-219-0821. [Lotus 1-2-3 (.WK1), one 3.5" disk], (2/91).

**Order # 86013** \$25

## Data Products

**Caribbean Fruits & Vegetables.** Market characteristics for U.S. imports of selected fruits and vegetables from the Caribbean, Central America, and Mexico for 1975-87. Includes annual and monthly supply, use, and trade data as well as monthly wholesale prices for New York and Chicago. Dick Brown, ERS, 202-219-0680. [Lotus 1-2-3 (.WK1)], (1/91).

Order # 88015A (Five 5.25" disks) \$65  
Order # 88015B (One 3.5" disk) \$25

**USSR Agricultural Trade, 1986-89.** Soviet data on volume and ruble value of imports and exports of agricultural commodities, machinery, and other inputs. Kathryn Zeimetz, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), 5.25" disks], (11/90).

Order # 88016A 1986 data (2 disks) \$35  
Order # 88016B 1987 data (2 disks) \$35  
Order # 88016C 1988-89 data (2 disks) \$35

**U.S.-USSR Bilateral Trade.** U.S. agricultural exports to and imports from the USSR, total and by specific commodities, value and quantity, for fiscal years 1970-90 and calendar years 1970-89. Includes total U.S. exports to and imports from the USSR. Kathryn Zeimetz, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), one 5.25" disk], (6/91).

Order # 88019 \$25

**USSR Trade Compendium.** Soviet value and quantity data on agricultural imports and exports, 1955-89, including total imports and exports; imports by origin for grains, flour, soybeans, sugar, cotton, red meat, and poultry; imports by type for oilseeds, vegetable oils, and meat; exports by destination of grains, flour, sugar, sunflowerseed oil, and cotton; and exports by type for vegetable oils and meat. Kathryn Zeimetz, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), six 5.25" disks], (1/91).

Order # 88023 \$75

**Asia/Near East Agricultural Trade.** Tabulations of agricultural trade between the United States and selected Asian and Near East countries and regions, 1962-86. Includes data for 12 major commodity groups and significant elements of each group. Daniel Timms, ERS, 202-219-0705. [Lotus 1-2-3 (.WK1), three 5.25" disks], (2/89).

Order # 89012 \$45

**Trade Liberalization.** This extensive database for studies of agricultural trade liberalization includes 1984 and 1986 data for 22 commodities and 36 countries and regions. Included are elasticities of supply and demand, quantities and prices, and levels of support expressed as producer and consumer subsidy equivalents (PSE's and CSE's). John Sullivan, ERS, 202-219-0630. [Lotus 1-2-3 (.WK1), five 5.25" disks], (3/89).

Order # 89017 \$65

**U.S. Trade, 1978-87.** Annual data on the value of imports and exports for 100 industry-based (SIC) commodity groups. The database covers U.S. trade with 110 countries. Lon Cesal, ERS, 202-219-0700. [Lotus 1-2-3 (.WK1), twelve 5.25" disks], (8/89).

Order # 89030 \$135

**U.S./Pacific Rim Agricultural Trade.** Annual data, 1968-89, for U.S. agricultural exports to and imports from Japan, Taiwan, South Korea, Hong Kong, New Zealand, Australia,

and Canada. Data cover quantity and value for trade in major commodity groups and subgroups. Fiscal year and calendar year data are included. Carol Goodloe ERS, 202-219-0610. [Lotus 1-2-3 (.WK1), three 5.25" disks], (9/90).

Order # 90007 \$45

**World Agricultural Trade Flows.** Country and regional trade matrixes by commodity and year for 1962-88 (oilseeds, oils, oilseed meals, and food grains) and 1962-85 (feed grains).

**NOTE:** Requires 3.9-4.6MB of hard disk space per commodity. Edward Overton, ERS, 202-219-0707. [Archived Lotus 1-2-3 (.WK1), 3.5" disks], (1/91).

Order # 91001A Food Grains (3 disks) \$45  
Order # 91001B Feed Grains (5 disks) \$65  
Order # 91001C Soybean Products & Other Oilseed Meal (4 disks) \$55  
Order # 91001D Rape & Sunflower Seed & Oil (3 disks) \$45  
Order # 91001E Tropical Oils (5 disks) \$65  
Order # 91001F Nonfood Oilseed Products (6 disks) \$75  
Order # 91001G Peanut, Maize, & Olive Oil (4 disks) \$55

**U.S. Agricultural Trade.** Monthly and annual data, 1988-90, on agricultural imports and exports by commodity group. Volume and value series are included. Tom Warden, ERS, 202-219-0822. [Lotus 1-2-3 (.WK1), one 3.5" disk], (6/91).

Order # 91010 \$25

## International Agriculture

**USSR Grain Harvesting Progress.** Selected years 1971-89. Data cover small grains, pulses, and corn for grain on State and collective farms on a weekly basis with daily levels interpolated. Kathryn Zeimetz, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), one 5.25" disk], (11/90).

Order # 88003 \$25

**USSR Grain Seeding Progress.** Selected years 1971-90. Data cover fall and spring small grains, pulses, and corn for grain on State and collective farms on a weekly basis with daily levels interpolated. Kathryn Zeimetz, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), one 5.25" disk], (11/90).

Order # 88004 \$25

**USSR Grain Production.** Area, yield, and production data, 1955-87, for 12 grain crops in each of the 15 Soviet republics. Kathryn Zeimetz, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), three 5.25" disks], (8/88).

Order # 88020 \$45

**Exchange Rates.** Monthly (1975-89), quarterly (1970-89), and annual (1960-89) real exchange rates for 63 countries most important to U.S. agricultural exports. Includes weighted average exchange rates for all agricultural exports, wheat, corn, soybeans, and cotton for U.S. agricultural trade customers and competitors. David Stallings, ERS, 202-219-0705. [Lotus 1-2-3 (.WK1), three 5.25" disks], (11/90).

Order # 88021 \$45

**Call toll free 1-800-999-6779**

## Data Products

**East European Agriculture.** Data on area and production of major crops, livestock inventories, production of livestock products, and agricultural trade for seven East European countries. Most series are for 1971-87. Nancy Cochrane, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), two 5.25" disks], (7/90).  
**Order # 89009** **\$35**

**Agricultural Statistics of the European Community, 1960-85.** Extensive time series data on EC macroeconomics and agricultural policy, crop and livestock supply and utilization, input prices, and producer, wholesale, and retail prices. Michael Herlihy, ERS, 202-219-0610. [Lotus 1-2-3 (.WK1), three 5.25" disks], (1/89).  
**Order # 89010** **\$45**

**Agricultural Statistics of Eastern Europe and the Soviet Union.** Annual data for the Soviet Union and seven East European countries, 1965-85, on land use, agricultural inputs, crop production, livestock production, and per capita consumption of selected foods. Nancy Cochrane, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), four 5.25" disks], (6/89).  
**Order # 89020** **\$55**

**World Agriculture: Trends and Indicators.** Annual data for 160 countries, 1961-89 on macroeconomics; consumption; factors of production; aggregate production (value and indexes); crop production, area, and yield and livestock production by commodity; value of total merchandise and agricultural trade (including U.S. bilateral trade), and trade indicators; and value of agricultural trade by commodity groups. Francis Urban, ERS, 202-219-0705. [Lotus 1-2-3 (.WK1), 5.25" disks], (10/90).

**Order # 89024A** North America (1 disk) **\$25**  
**Order # 89024B** Central America (3 disks) **\$45**  
**Order # 89024C** The Caribbean (3 disks) **\$45**  
**Order # 89024D** South America (4 disks) **\$55**  
**Order # 89024E** Western Europe (5 disks) **\$65**  
**Order # 89024F** Eastern Europe & USSR (3 disks) **\$45**  
**Order # 89024G** Sub-Saharan Africa (12 disks) **\$135**  
**Order # 89024H** North Africa & Middle East (7 disks) **\$85**  
**Order # 89024I** South Asia (3 disks) **\$45**  
**Order # 89024J** Southeast Asia & Pacific Islands (5 disks) **\$65**  
**Order # 89024K** East Asia & Peoples' Republic of China (3 disks) **\$45**  
**Order # 89024L** Australia & New Zealand (1 disk) **\$25**  
**Order # 89024M** EC-12 (4 disks) **\$55**  
**Order # 89024N** World & regional data series only (4 disks) **\$55**

**USSR Production and Procurement.** Data on grain area, yield, production, and procurement for the 15 Soviet republics and the constituent 125 oblasts and regions. Data are reported for calendar years 1980 and 1985-87. Kathryn Zeimetz, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), one 5.25" disk], (8/89).  
**Order # 89027** **\$25**

**PS&D VIEW '90.** This menu-driven software system displays a time series graph of any of the 12 balance sheet variables for up to 187 countries or regions in the USDA Production, Supply, and Distribution database. It also fits regression trendlines, displays tables of the data, and downloads subsets of the data in spreadsheet-readable files. Data files for 24

commodities come with the system, including total grains, feed grains, soybeans, soybean meal, soybean oil, cotton, corn, barley, rice, sorghum, wheat, and 13 new oilseed and oilseed product files. A 32-page manual is included. **NOTE:** PS&D VIEW '90 is shipped on a 1.44MB diskette with 7MB of archived data and 350KB of program files. It requires an IBM or compatible personal computer, MS-DOS or PC-DOS, 330KB of available RAM, and at least 650KB of hard disk storage. Graphics support is provided for VGA, EGSA, MCGA, CGA, and Hercules monochrome hardware. Alan Webb, ERS, 202-219-0610. [One 3.5" disk], (11/90).

**Order # 89028** **\$25**

**USSR Oilseeds.** Soviet data on the area, yield, and production of 10 oilseeds plus oil and meal production and use. Trade data for these commodities are also included. Data series cover marketing years from 1955/56 through 1988/89. Kathryn Zeimetz, ERS, 202-219-0621. [Lotus 1-2-3 (.WK1), five 5.25" disks], (12/89).

**Order # 90003** **\$65**

**Producer and Consumer Subsidy Equivalents.** Estimates of government intervention in agriculture for 27 countries and the European Community, 1982-87. Includes estimates for more than 40 commodities and products. Alan Webb, ERS, 202-219-0610. [Lotus 1-2-3 (.WK1), four 5.25" disks], (4/90).  
**Order # 90009** **\$55**

**China: Basic Social and Economic Indicators.** Population, labor force, land use, and national income statistics by region and province, 1979-88. W. Hunter Colby, ERS, 202-219-0626. [Lotus 1-2-3 (.WK1), one 5.25" disk], (1/91).  
**Order # 90010** **\$25**

**China: Grain Statistics.** A comprehensive database of national, regional, and provincial statistics covering wheat, rice, and coarse grain area, production, and procurement. National data are reported for 1949-88 and most regional and provincial data cover 1979-88. W. Hunter Colby, ERS, 202-219-0626. [Lotus 1-2-3 (.WK1), two 5.25" disks], (9/90).  
**Order # 90011** **\$35**

**China: Fibers and Oilseeds Statistics.** Area, yield, and production data, 1979-88, by region and province for principal fiber and oilseed crops. Estimates of textile fiber, yarn, and cloth production and total edible vegetable oil production are included. W. Hunter Colby, ERS, 202-219-0626. [Lotus 1-2-3 (.WK1), one 5.25" disk], (9/90).  
**Order # 90012** **\$25**

**China: Miscellaneous Crop Statistics.** Area, yield, and production data, 1979-88, by region and province for tobacco, sugar beets, sugarcane, and major fruits. Includes estimates of area planted to forage and green manure crops. W. Hunter Colby, ERS, 202-219-0626. [Lotus 1-2-3 (.WK1), one 5.25" disk], (9/90).  
**Order # 90013** **\$25**

**China: Livestock Inventory, Slaughter, and Procurement Statistics.** Comprehensive data on Chinese animal agriculture including production of red meats, milk, eggs, poultry meats, and honey by region and province, 1979-88. Also includes inventory data on cattle, hogs, sheep, goats, and draft animals. W. Hunter Colby, ERS, 202-219-0626. [Lotus 1-2-3 (.WK1), one 5.25" disk], (9/90).  
**Order # 90014** **\$25**

## Data Products

**China: Agricultural Inputs and Infrastructure.** National statistics on energy, labor, farm machinery, tractors, and fertilizer use, 1949-88, by region and province, 1980-88. W. Hunter Colby, ERS, 202-219-0626. [Lotus 1-2-3 (.WK1), one 5.25" disk], (9/90).  
Order # 90015 \$25

**China: Agricultural Prices.** Grain and oilseed procurement prices and grades by province, 1986-88; retail list price indexes, 1951-88; and open market indexes by commodity, 1979-88. W. Hunter Colby, ERS, 202-219-0626. [Lotus 1-2-3 (.WK1), one 5.25" disk], (9/90).  
Order # 90016 \$25

**China: Cost of Agricultural Production.** Cost of production for corn, cotton, peanuts, rice, rapeseed, soybeans, and wheat, by province, 1984-88. W. Hunter Colby, ERS, 202-219-0626. [Lotus 1-2-3 (.WK1), two 5.25" disks], (9/90).  
Order # 90017 \$35

**China: International Agricultural Trade.** Annual data, 1950-88, on imports and exports of agricultural products and imports of agricultural inputs. Includes quarterly data, 1983-88, on major agricultural imports and exports in both quantity and value terms. W. Hunter Colby, ERS, 202-219-0626. [Lotus 1-2-3 (.WK1), one 5.25" disk], (11/90).  
Order # 90019 \$25

**China: Rural Banking, Finance, and Investment.** Data on national investments in agriculture, 1953-88, and by region and province for 1981-88; Agricultural Bank of China and Rural Credit Cooperative data, 1983-88; and provincial banking data as available through 1989. W. Hunter Colby, ERS, 202-219-0626. [Lotus 1-2-3 (.WK1), one 5.25" disk], (11/90).  
Order # 90020 \$25

**China: Income, Consumption, and Expenditure Statistics.** Household and per capita expenditures for food, fabrics, alcohol and tobacco, and selected consumer goods, 1980-88. Includes national and provincial data. W. Hunter Colby, ERS, 202-219-0626. [Lotus 1-2-3 (.WK1), one 5.25" disk], (1/91).  
Order # 90021 \$25

### General Interest

**Policy Impact Codes.** Classifications for 2,443 nonmetro counties (1974 definition) or 2,357 nonmetro counties (1983 definition) identifying farming-, mining-, manufacturing-, and government-dependent counties. Also includes rural-urban classification codes and designations of counties with persistent low incomes, high rates of net immigration of retirees, or high proportions of federally owned land. Peggy Ross, ERS, 202-219-0547. [Lotus 1-2-3 (.WK1), 3.5" disks], (5/90).  
Order # 86005A 1974 nonmetro definition (1 disk) \$25  
Order # 86005B 1983 nonmetro definition (1 disk) \$25

**Agricultural Outlook Yearbook.** Annual statistics, 1960-89, on U.S. crop and livestock production, utilization, trade, agricultural economics, and related topics. Evelyn Blazer, ERS, 202-219-0305. [Lotus 1-2-3 (.WK1), three 5.25" disks], (11/90).  
Order # 87011 \$45

**U.S. and State Agricultural Profiles.** Data on land use, production, income, and assets; and farm size, tenure, and organization. Letricia Womack, ERS, 202-219-0689. [Lotus 1-2-3 (.WK1), three 5.25" disks], (4/87).  
Order # 87017 \$45

**Weather in U.S. Agriculture.** Monthly temperature and precipitation data for farm production regions and States for 1950-88. Data are weighted by geographic area and harvested cropland acreage. Lloyd Teigen, ERS, 202-219-0705. [Lotus 1-2-3 (.WK1), 5.25" disks], (11/89).  
Order # 88006A All States & Farm Regions (8 disks) \$95

Order # 88006B 17 Western States (3 disks) \$45  
Order # 88006C 21 Central States (3 disks) \$45  
Order # 88006D 20 Northeastern States (3 disks) \$45  
Order # 88006E 17 Southern States (3 disks) \$45  
Order # 88006F 10 Farming Regions (2 disks) \$35

**Census of Agriculture County Profiles.** Merged data from Census reports for 1949-82 reconciled to present over 1100 time series. Includes data on farm characteristics, farm operators, crop and livestock production, and resource use. Jim Horsfield, ERS, 202-219-0012. [EBCDIC; 1 tape], (11/88).  
Order # 88014A Northeast \$130  
Order # 88014B North Central \$130  
Order # 88014C South \$130  
Order # 88014D West \$130

**Rural/Urban Continuum Codes.** Classification of U.S. counties into 10 types based on urban/rural population characteristics and location with respect to metropolitan areas. Margaret Butler, ERS, 202-219-0534, [ASCII, one 5.25" disk], (4/89).  
Order # 89021 \$25

### Data Sharing

*The following databases are offered in cooperation with the American Agricultural Economics Association and the Rural Sociological Society:*

**USDA Outlays, 1963-95.** Annual data on total Federal outlays (defense and nondefense), the Federal deficit, USDA outlays by program area and bureau, USDA direct loan obligations, USDA employment, and computations for an implicit budget deflator. Includes forecasts through 1995. Noah Engelberg, OMB, 202-395-3446. [Lotus 1-2-3 (.WK1), one 5.25" disk], (5/89).  
Order # 89D01 \$25

**JARE Title/Abstract Database.** A comprehensive bibliographic database covering articles, notes, proceedings, and other material published in the Northeastern Journal of Agricultural and Resource Economics, 1972-present. Software included provides for flexible retrieval of bibliographic entries and abstracts by keyword, author, article type, year, etc. **NOTE:** Requires PC or compatible with 256KB RAM. Loren W. Tauer, Cornell University, 607-255-4402. [.EXE and ASCII files, one 3.5" disk], (2/91).  
Order # 91D01 \$25

## Order Form

## Monographs and Electronic Products

Check here to receive a free subscription to this catalog. It's designed to help keep you up-to-date in all areas related to food, the farm, the rural economy, foreign trade, and the environment.

**Subtotal (please add to total on  
other side of order form)**

Prices good through 6/92.

*For fastest service, call our order desk toll free,  
1-800-999-6779  
(in the United States and Canada;  
other areas, please phone 301-725-7937)*

**Please complete both sides of this order form**

## Order Form

**Order monographs and electronic products on other side**

## Periodicals

- Use purchase orders, checks drawn on U.S. banks, cashier's checks, or international money orders.
- Credit card information or payment MUST accompany foreign orders.
- **Make payable to ERS-NASS.**
- 25-percent discount on 25 or more copies of a single report to a single address. (Note: No refunds on bulk-discounted copies.)
- No refunds on electronic products.

<b>Periodical subtotal</b>	
<b>Monograph subtotal (from other side)</b>	
<b>Add 25% for shipment to foreign addresses (includes Canada)</b>	
<b>Order total</b>	

Prices good through 6/92

Name \_\_\_\_\_

## Organization

## Address

City, State, Zip

Daytime phone

**Payment method:**

Bill me.  Enclosed is \$

### Credit card orders:

MasterCard  Visa Total charges \$

Credit card number:

### Executive Summary

100

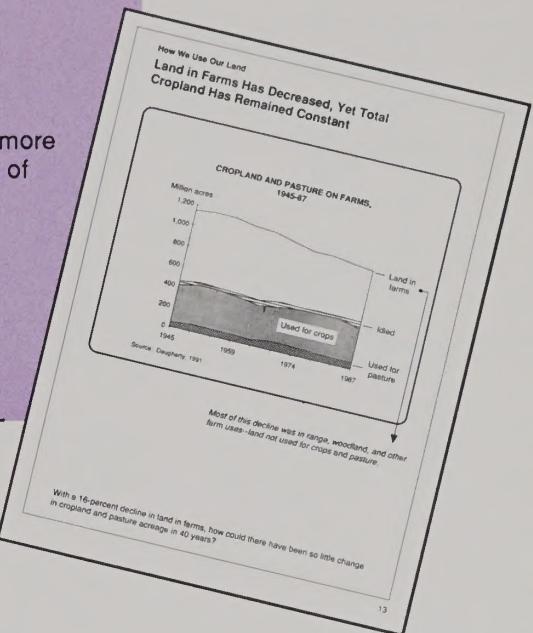
Month/ Year

**Please complete both sides of this order form**

**Urbanizing Farmland: Dynamics of Land Use Change in Fast-Growth Counties**, by Ralph E. Heimlich and others. 45 pp. August 1991. Order # AIB-629. \$8.00.

Using the popular briefing book style, this report shows that urbanization is not paving over the Nation's rural areas any more than in the past. Despite claims to the contrary, the amount of U.S. rural land—and level of agricultural production—is not threatened by the present rate of urbanization.

**Call our order desk**  
toll free 1-800-999-6779



## ERS-NASS Video Tapes

### **ERS: Economic Research for American Agriculture**

An historical account of the role of economic research in the success of American agriculture. 7/85.

16 1/2 minutes.

**Order No. VT001 \$15.00**

### **Today and Tomorrow**

The U.S. Department of Agriculture's Outlook program analyzes the current situation for U.S. and world crops, and provides a forecast of future supplies and prices. "Today and Tomorrow" is an overview of the USDA Outlook program from its beginning in the 1920's, to the current comprehensive program of research and analysis. 3/86.

23 minutes.

**Order No. VT002 \$15.00**

### **The Need To Know**

Begins with a futuristic "what if?" opening, and then proceeds to outline the history, significance, and contributions of agricultural statistics and USDA's National Agricultural Statistics Service. 6/88.

23 minutes.

**Order No. VT003 \$15.00**

### **Your Hometown**

"Your Hometown" is an informative and entertaining look at small town rural America. Originally seen on public television stations nationwide, and narrated by James Whitmore, the program focuses on three rural communities where citizens use innovative thinking and teamwork to revitalize their own towns. 2/88.

1 hour.

**Order No. VT004 \$15.00**

### **Alternative Agriculture: Growing Concerns**

Can U.S. farmers produce at a profit while practicing low-input, sustainable agriculture (LISA)? "Growing Concerns" investigates the benefits and drawbacks of LISA. An excellent overview, this documentary was originally seen as a five-part series on national television. 1/89.

19 minutes.

**Order No. VT005 \$15.00**



United States  
Department of Agriculture  
1301 New York Avenue, N.W.  
Washington, D.C. 20005-4788

OFFICIAL BUSINESS  
Penalty for Private Use, \$300

BULK RATE  
POSTAGE & FEES PAID  
USDA  
PERMIT NO. G-145

**Moving?** To change your address, send mailing label on this magazine and new address to: REPORTS, P.O. Box 1608, Rockville, MD 20849-1608

*Available Spring 1992*

## **Outlook '92 Publications**

**Outlook '92 Chartbook.** Order # AGES-9201. \$11.00. Includes selected charts and tables used by speakers at Outlook '92. Charts are suitable for reproduction. Topics include food grains, wheat, dairy, cotton and wool, aquaculture, fruits and tree nuts, vegetables, tobacco, oil crops, horticulture, farm finance, cattle, poultry, and sugar.

**Outlook '92 Proceedings.** Order # AGES 9202. \$20.00. Features all texts submitted by speakers and panelists at Outlook '91, including former Secretary of Agriculture Clayton Yeutter's keynote address, "Agriculture in a World of Change."

**SAVE!** Order both of the Conference publications for just \$25.00.  
Order PKG-8. \$25.00. Call toll free 1-800-999-6779.